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Date: September 19, 2008

To: Anaconda Deer Lodge County

From: Kuipers & Associates

Subject: **Ambient Air Quality Monitoring
Opportunity and Warm Springs Sites
August 2008 Monthly Report**

This August 2008 report documents the ambient air quality monitoring program conducted by Kuipers & Associates on behalf of Anaconda Deer Lodge County at Opportunity and Warm Springs locations adjacent to the Atlantic Richfield Lower Waste Management Area. Total Suspended Particulate (TSP) is monitored at Opportunity, and PM10 at Warm Springs. Additionally, wind speed, wind direction, temperature and relative humidity are monitored at both sites. TSP monitoring was initiated at Opportunity on July 1 in order to measure the total airborne particulate levels, because it is suspected that much of the airborne particulate (particularly during the visible dust events occasionally reported by Opportunity residents) is larger than 10 microns in diameter. Collection of TSP also increases the feasibility of quantitatively analyzing the particulate monitor's sampling tape for trace metals.

Clean Pyrex dishes were installed at both sites on August 15 to capture settling dust. The dust is being collected onto filters using a personal sampling pump, in conjunction with twice-weekly site visits. Once sufficient sample is collected, the filters will be analyzed for total particulate and trace metals.

All data, discussion and conclusions provided in this report are preliminary and will undergo a complete quality assurance review prior to issuance of final results in quarterly and annual reports in accordance with the project Sampling and Analysis Plan. Results for the month are summarized as follows:

- Hourly average data were collected continuously by the monitors from August 1st through August 31st, with 96.2% availability for TSP at the Opportunity location and 99.5% availability for PM10 at the Warm Springs location.
 - Downtime at the Opportunity location occurred on August 1 at 13:00 MST and on August 25 from 13:00 to 14:00 MST for monthly calibration checks and routine maintenance. Additional downtime occurred at Opportunity on August 7 at 13:00 MST, and on August 11 from 16:00 MST through August 12 at 15:00 MST for troubleshooting and repairs.

- Downtime at the Warm Springs location occurred on August 1 at 12:00 MST and on August 25 at 12:00 MST for monthly calibration checks and routine maintenance. Additional downtime occurred on August 7 from 13:00 to 14:00 MST because of a power outage.
- The hourly average data record for the month is attached. Current data is available for real-time electronic download on demand, and public viewing at <http://ka.airsis.com/vision/login.aspx?ReturnUrl=%2fvision%2fDefault.aspx> (Username = ADLC, Password = OCPA).
- At the Opportunity location the maximum TSP reading for the period on a daily average basis was $76 \mu\text{g}/\text{m}^3$, and the average monthly concentration for August was $27 \mu\text{g}/\text{m}^3$. The maximum reading for the period on an hourly average basis was $352 \mu\text{g}/\text{m}^3$. This value was associated with light north-northeasterly winds. The four highest daily and hourly maximum values are summarized in Table 1, and the average daily data for the month is attached together with meteorological information in Table 3.
- At the Warm Springs location the maximum PM10 reading for the period on a daily average basis was $36 \mu\text{g}/\text{m}^3$, and the average monthly concentration for August was $9 \mu\text{g}/\text{m}^3$. The maximum reading for the period on an hourly average basis was $65 \mu\text{g}/\text{m}^3$. This value was associated with light southwesterly winds. The four highest daily and hourly maximum values are summarized in Table 2, and the average daily data for the month is attached together with meteorological information in Table 4.

Table 1
Opportunity Site TSP Maximum Data, August 2008

Maximum	TSP ($\mu\text{g}/\text{m}^3$)	Date & Time (MST)	Wind Speed (mph)	Wind Direction (deg)
Daily 1st Max	76	8/19/2008	4.2	297
Daily 2nd Max	56	8/25/2008	6.6	18
Daily 3rd Max	47	8/4/2008	3.6	8
Daily 4th Max	40	8/7/2008	4.2	198
Hourly 1st Max	352	8/4/2008 14:00	5.1	27
Hourly 2nd Max	309	8/25/2008 21:00	11.2	32
Hourly 3rd Max	307	8/4/2008 13:00	5.1	25
Hourly 4th Max	230	8/7/2008 11:00	5.4	155

Table 2
Warm Springs Site PM10 Maximum Data, August 2008

Maximum	PM10 ($\mu\text{g}/\text{m}^3$)	Date & Time (MST)	Wind Speed (mph)	Wind Direction (deg)
Daily 1st Max	36	8/19/2008	3.4	311
Daily 2nd Max	15	8/1/2008	3.4	356
Daily 3rd Max	14	8/6/2008	3.0	297
Daily 4th Max	13	8/20/2008	5.8	222
Hourly 1st Max	65	8/19/2008 09:00	2.2	222
Hourly 2nd Max	61	8/19/2008 10:00	2.0	223
Hourly 3rd Max	59	8/19/2008 11:00	2.7	292
Hourly 4th Max	53	8/19/2008 15:00	5.1	359

The highest daily maximums for both sites occurred on August 19, when significant smoke from regional forest fires was noted.

- There are no Montana or Federal air quality standards for TSP; both were replaced by the current PM10 standard in 1987. Prior to 1987 the Montana annual TSP standard was 75 $\mu\text{g}/\text{m}^3$, while the 24-hour standard was 200 $\mu\text{g}/\text{m}^3$ and there was no hourly standard. TSP results for August at Opportunity were below those historical standards. Sampling at the Opportunity site was switched from PM10 to TSP on July 1 to obtain data on total airborne particulate. Monitoring for PM10 from May 2007 through June of 2008 showed that PM10 concentrations were consistently below regulatory levels. To facilitate comparison with previously collected PM10 data, the TSP data are being reported at Local temperature and pressure conditions.
- Daily average PM10 results for the month of August were well below the 24-hour Montana Ambient Air Quality Standard of 150 $\mu\text{g}/\text{m}^3$ at the Warm Springs monitoring site. The average monthly concentration was below the annual PM10 standard of 50 $\mu\text{g}/\text{m}^3$. There currently is no State or Federal standard for hourly PM10 data.
- Precipitation for the month was below normal, based on the Butte airport records.
- Wind roses are attached to graphically depict prevailing winds.
 - Figure 1 shows the Opportunity location, where the predominant wind directions in August were southwesterly. North-northeasterly winds also were common.
 - Figure 2 shows the Warm Springs location, where the predominant wind directions were northerly and southerly.
- If a dust storm event or nuisance dust in general is observed, please contact us so that we may respond, and try to quantify and document the problem. We are available seven days per week 24 hours per day and ask that you contact the following (in order) until someone is notified.

Dust Event Contacts:

Steve Heck	498-4199
Jim Kuipers	782-3441, then 459-0445
Sarah Zuzulock	585-9932, then 581-1355

Table 3
Opportunity Site Daily Average Data

Date	TSP Daily ($\mu\text{g}/\text{m}^3$)	Wind Speed Daily (meters per second)	Wind Speed Daily (miles per hour)	Wind Direction Daily (degrees true)	Air Temperature Daily (Celsius)	Air Temperature Daily (Fahrenheit)	Relative Humidity Daily (percent)
August 1, 2008	34	2.3	5.1	352	20.2	68.4	36
August 2, 2008	25	1.9	4.1	344	15.6	60.1	58
August 3, 2008	25	1.7	3.9	2	14.3	57.8	63
August 4, 2008	47	1.6	3.6	8	15.5	59.9	55
August 5, 2008	29	1.9	4.3	357	19.0	66.3	40
August 6, 2008	34	1.5	3.3	354	19.4	66.8	44
August 7, 2008	40	1.9	4.2	198	19.9	67.8	56
August 8, 2008	24	1.9	4.3	214	18.7	65.7	62
August 9, 2008	16	1.7	3.8	201	18.1	64.5	60
August 10, 2008	38	2.5	5.5	341	16.3	61.4	54
August 11, 2008	20	2.3	5.2	246	12.7	54.9	51
August 12, 2008	20	2.4	5.3	25	19.2	66.5	35
August 13, 2008	21	1.4	3.2	318	16.4	61.6	44
August 14, 2008	26	2.1	4.8	17	16.6	61.8	50
August 15, 2008	26	1.4	3.0	285	15.9	60.7	50
August 16, 2008	19	1.8	4.0	197	18.9	66.1	40
August 17, 2008	24	1.3	2.8	205	20.0	68.0	37
August 18, 2008	34	2.0	4.5	166	22.1	71.8	32
August 19, 2008	76	1.9	4.2	297	19.9	67.8	47
August 20, 2008	29	2.6	5.9	246	15.9	60.6	61
August 21, 2008	12	2.9	6.6	327	10.5	50.8	75
August 22, 2008	8	1.8	4.1	280	11.9	53.4	54
August 23, 2008	17	1.7	3.7	349	15.3	59.6	49
August 24, 2008	21	1.7	3.8	205	19.4	66.9	39
August 25, 2008	56	2.9	6.6	18	19.6	67.3	40
August 26, 2008	12	3.1	6.8	308	11.3	52.3	50
August 27, 2008	21	2.6	5.8	300	11.3	52.3	49
August 28, 2008	22	2.4	5.3	268	14.4	57.9	53
August 29, 2008	19	1.8	4.0	231	16.9	62.5	47
August 30, 2008	27	2.6	5.7	13	16.8	62.2	45
August 31, 2008	12	2.5	5.5	349	8.9	48.0	80

Table 4
Warm Springs Site Daily Average Data

Date	PM10 Daily ($\mu\text{g}/\text{m}^3$)	Wind Speed Daily (meters per second)	Wind Speed Daily (miles per hour)	Wind Direction Daily (degrees true)	Air Temperature Daily (Celsius)	Air Temperature Daily (Fahrenheit)	Relative Humidity Daily (percent)
August 1, 2008	15	1.5	3.4	356	20.2	68.3	40
August 2, 2008	13	1.3	2.8	346	15.5	59.8	64
August 3, 2008	12	1.4	3.0	12	15.6	60.2	62
August 4, 2008	8	1.2	2.6	7	16.2	61.2	56
August 5, 2008	10	1.4	3.2	18	19.8	67.6	41
August 6, 2008	14	1.3	3.0	297	20.1	68.3	44
August 7, 2008	10	1.9	4.3	189	19.8	67.6	59
August 8, 2008	9	1.8	3.9	220	19.5	67.2	63
August 9, 2008	7	1.8	4.1	212	18.4	65.1	63
August 10, 2008	9	1.5	3.3	11	16.7	62.1	59
August 11, 2008	7	2.4	5.4	264	15.0	59.1	45
August 12, 2008	6	1.2	2.8	41	15.7	60.2	47
August 13, 2008	8	1.1	2.5	133	16.9	62.5	47
August 14, 2008	11	1.4	3.0	13	17.2	63.0	51
August 15, 2008	10	1.5	3.5	293	16.8	62.3	51
August 16, 2008	8	1.6	3.5	204	19.5	67.0	44
August 17, 2008	9	1.4	3.1	230	21.1	70.1	34
August 18, 2008	11	2.1	4.8	167	23.4	74.1	29
August 19, 2008	36	1.5	3.4	311	19.8	67.7	53
August 20, 2008	13	2.6	5.8	222	16.2	61.2	64
August 21, 2008	1	2.1	4.7	284	11.1	51.9	77
August 22, 2008	4	1.6	3.6	198	12.7	54.8	56
August 23, 2008	11	1.2	2.7	48	15.5	59.9	53
August 24, 2008	12	1.8	3.9	181	19.8	67.6	40
August 25, 2008	13	1.8	4.0	30	20.3	68.6	42
August 26, 2008	4	2.7	6.1	282	11.4	52.5	55
August 27, 2008	4	2.5	5.5	230	11.6	53.0	52
August 28, 2008	5	2.7	6.0	251	14.8	58.6	56
August 29, 2008	3	1.9	4.2	192	17.3	63.1	50
August 30, 2008	8	1.6	3.6	8	17.4	63.2	48
August 31, 2008	4	2.0	4.5	351	9.3	48.7	82

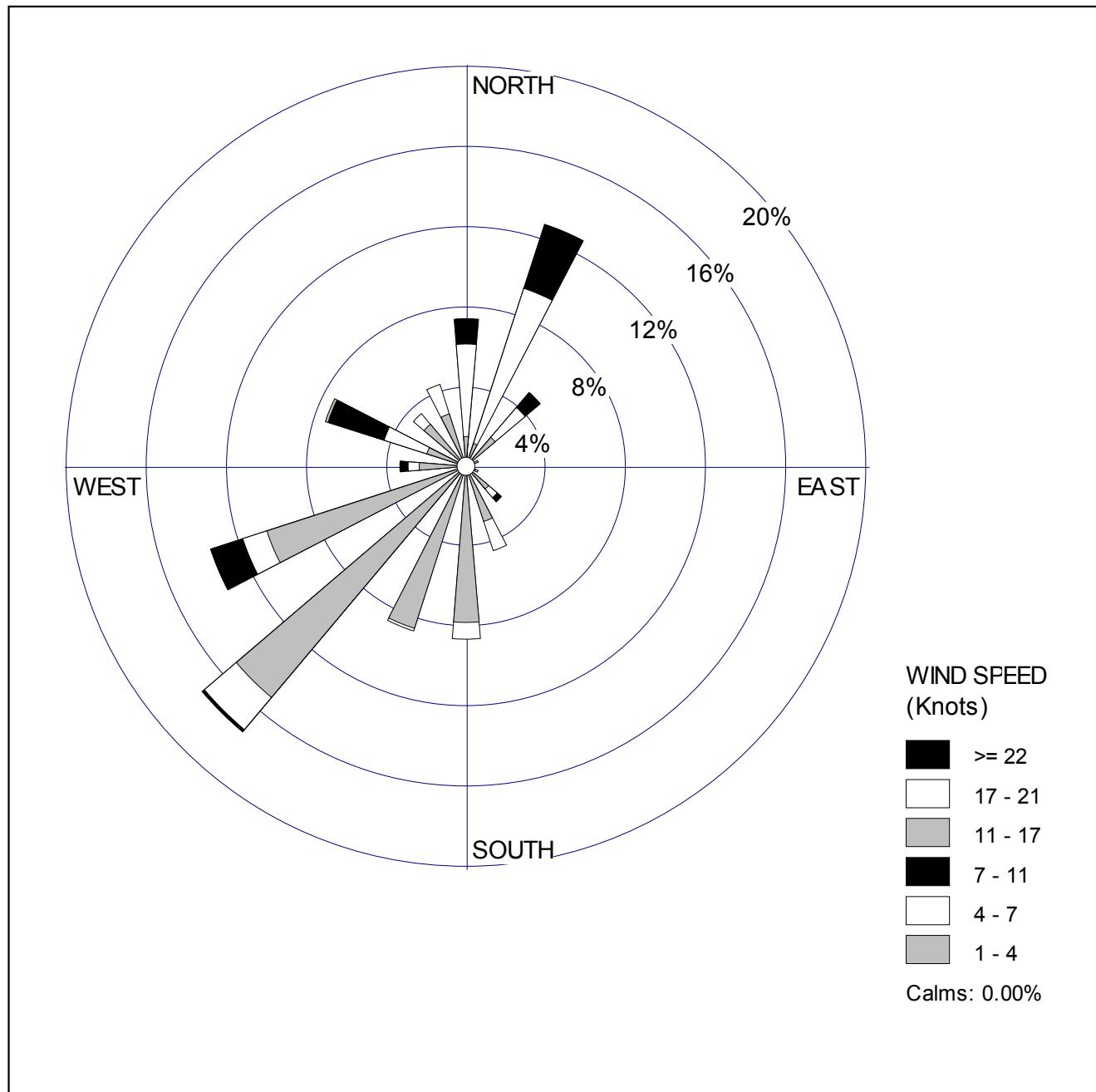


Figure 1. Wind Rose (percent of time blowing from indicated direction) for Opportunity EBAM Site August 2008.

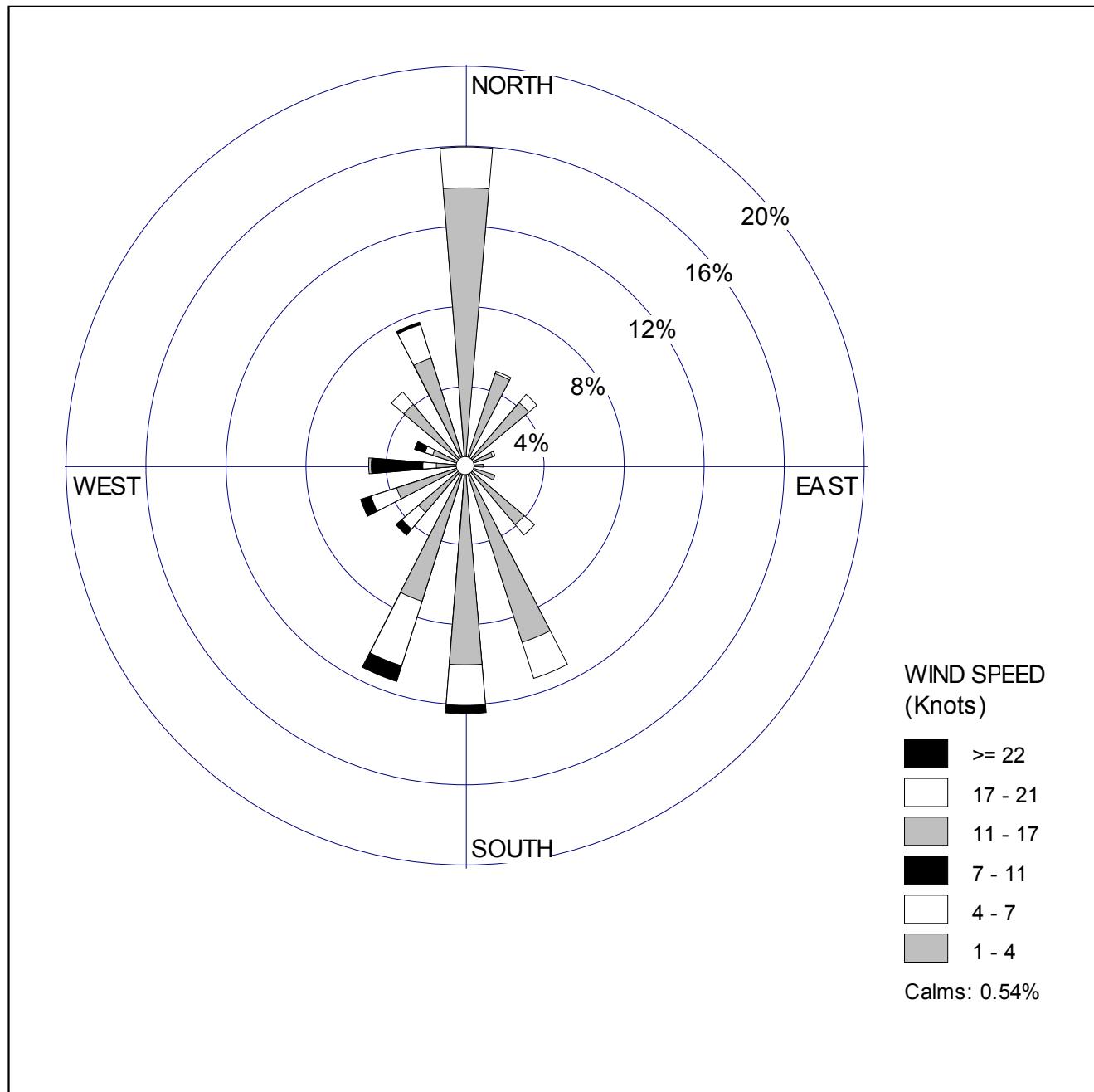


Figure 2. Wind Rose (percent of time blowing from indicated direction) for Warm Springs EBAM Site August 2008.

Table 5
Opportunity Site Hourly Average Data
Met One E-BAM
August 2008

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
8/1/2008 1:00	7	1.1	2.5	237	10.2	50.4	60
8/1/2008 2:00	12	0.9	2.0	219	9.3	48.7	60
8/1/2008 3:00	2	1.4	3.1	237	9.0	48.2	60
8/1/2008 4:00	10	1.3	2.9	241	12.4	54.3	46
8/1/2008 5:00	14	1.3	2.9	232	12.6	54.7	45
8/1/2008 6:00	29	0.8	1.8	201	11.1	52.0	51
8/1/2008 7:00	47	0.8	1.8	245	10.6	51.1	56
8/1/2008 8:00	34	0.8	1.8	233	13.1	55.6	51
8/1/2008 9:00	21	1.2	2.7	109	17.3	63.1	39
8/1/2008 10:00	25	1.4	3.1	17	21.3	70.3	29
8/1/2008 11:00	33	2.7	6.0	21	23.4	74.1	26
8/1/2008 12:00	23	2.2	4.9	12	25.8	78.4	23
8/1/2008 13:00	BA	2.3	5.1	43	29.1	84.4	20
8/1/2008 14:00	93	3.4	7.6	229	30.5	86.9	16
8/1/2008 15:00	76	4.0	8.9	230	30.9	87.6	12
8/1/2008 16:00	58	4.0	8.9	253	31.3	88.3	13
8/1/2008 17:00	85	4.3	9.6	17	29.9	85.8	20
8/1/2008 18:00	47	4.2	9.4	29	28.5	83.3	22
8/1/2008 19:00	42	2.5	5.6	20	26.8	80.2	26
8/1/2008 20:00	44	3.5	7.8	38	24.9	76.8	29
8/1/2008 21:00	32	3.2	7.2	21	22.3	72.1	33
8/1/2008 22:00	20	3.3	7.4	43	20.7	69.3	37
8/1/2008 23:00	19	2.4	5.4	16	19.3	66.7	39
8/2/2008 0:00	18	1.5	3.4	244	15.5	59.9	51
8/2/2008 1:00	18	1.1	2.5	234	12.9	55.2	60
8/2/2008 2:00	19	1.0	2.2	227	10.8	51.4	66
8/2/2008 3:00	14	0.9	2.0	187	9.1	48.4	72
8/2/2008 4:00	12	0.9	2.0	251	8.9	48.0	73
8/2/2008 5:00	14	0.6	1.3	246	7.9	46.2	77
8/2/2008 6:00	23	0.8	1.8	224	7.9	46.2	78
8/2/2008 7:00	18	0.7	1.6	141	10.4	50.7	67
8/2/2008 8:00	21	0.8	1.8	184	14.9	58.8	53
8/2/2008 9:00	24	1.5	3.4	36	18.1	64.6	44
8/2/2008 10:00	20	2.4	5.4	31	19.3	66.7	42
8/2/2008 11:00	22	2.2	4.9	18	20.7	69.3	39
8/2/2008 12:00	35	2.6	5.8	23	23.4	74.1	35
8/2/2008 13:00	26	3.1	6.9	4	24.9	76.8	33
8/2/2008 14:00	34	3.4	7.6	5	25.6	78.1	30
8/2/2008 15:00	40	3.9	8.7	360	26.3	79.3	29
8/2/2008 16:00	69	3.9	8.7	356	23.5	74.3	35
8/2/2008 17:00	20	2.6	5.8	333	20.2	68.4	47
8/2/2008 18:00	46	3.2	7.2	332	18.4	65.1	57
8/2/2008 19:00	34	3.1	6.9	306	16.5	61.7	59
8/2/2008 20:00	15	1.7	3.8	7	14.9	58.8	66
8/2/2008 21:00	19	1.3	2.9	311	12.6	54.7	75
8/2/2008 22:00	23	0.9	2.0	233	11.2	52.2	79
8/2/2008 23:00	16	1.1	2.5	217	8.9	48.0	85
8/3/2008 0:00	22	0.8	1.8	236	7.1	44.8	88
8/3/2008 1:00	18	0.9	2.0	239	6.2	43.2	89
8/3/2008 2:00	32	0.7	1.6	226	5.6	42.1	89
8/3/2008 3:00	1	1.0	2.2	219	4.5	40.1	90
8/3/2008 4:00	41	0.8	1.8	218	4.7	40.5	91
8/3/2008 5:00	-5	0.8	1.8	230	4.0	39.2	91
8/3/2008 6:00	24	0.7	1.6	231	4.2	39.6	91
8/3/2008 7:00	13	1.2	2.7	239	7.5	45.5	79
8/3/2008 8:00	19	1.3	2.9	194	11.9	53.4	65
8/3/2008 9:00	17	1.5	3.4	230	15.2	59.4	56
8/3/2008 10:00	40	AN	AN	AN	17.9	64.2	50
8/3/2008 11:00	33	2.5	5.6	27	20.1	68.2	46
8/3/2008 12:00	41	3.1	6.9	28	21.4	70.5	44
8/3/2008 13:00	69	3.1	6.9	21	20.3	68.5	50
8/3/2008 14:00	34	1.9	4.3	63	23.0	73.4	40
8/3/2008 15:00	108	2.2	4.9	14	19.6	67.3	61
8/3/2008 16:00	21	3.3	7.4	17	20.7	69.3	54
8/3/2008 17:00	15	3.4	7.6	15	22.3	72.1	42
8/3/2008 18:00	9	3.3	7.4	18	21.8	71.2	41
8/3/2008 19:00	10	2.4	5.4	21	19.3	66.7	51
8/3/2008 20:00	11	1.9	4.3	8	17.3	63.1	54
8/3/2008 21:00	13	1.2	2.7	269	16.0	60.8	56
8/3/2008 22:00	14	0.7	1.6	228	14.0	57.2	66
8/3/2008 23:00	6	0.7	1.6	237	13.0	55.4	67
8/4/2008 0:00	15	1.0	2.2	305	13.3	55.9	60
8/4/2008 1:00	25	0.8	1.8	307	12.1	53.8	66
8/4/2008 2:00	30	0.9	2.0	254	9.0	48.2	80
8/4/2008 3:00	1	0.7	1.6	207	6.3	43.3	87
8/4/2008 4:00	16	0.6	1.3	249	4.8	40.6	90
8/4/2008 5:00	23	0.6	1.3	230	3.8	38.8	91
8/4/2008 6:00	16	0.9	2.0	242	3.7	38.7	90
8/4/2008 7:00	2	0.8	1.8	146	6.7	44.1	78
8/4/2008 8:00	17	0.7	1.6	228	11.9	53.4	61
8/4/2008 9:00	30	1.2	2.7	56	14.5	58.1	55
8/4/2008 10:00	30	1.4	3.1	20	16.4	61.5	51
8/4/2008 11:00	31	2.0	4.5	22	18.3	64.9	48
8/4/2008 12:00	34	2.1	4.7	27	20.2	68.4	43
8/4/2008 13:00	307	2.3	5.1	25	22.6	72.7	36

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
8/4/2008 14:00	352	2.3	5.1	27	24.4	75.9	31
8/4/2008 15:00	59	3.4	7.6	26	25.5	77.9	28
8/4/2008 16:00	27	3.2	7.2	28	26.0	78.8	25
8/4/2008 17:00	19	2.8	6.3	27	26.3	79.3	23
8/4/2008 18:00	15	3.1	6.9	16	25.6	78.1	25
8/4/2008 19:00	13	3.1	6.9	13	24.3	75.7	26
8/4/2008 20:00	21	1.4	3.1	329	21.2	70.2	36
8/4/2008 21:00	21	1.3	2.9	240	17.1	62.8	46
8/4/2008 22:00	19	0.8	1.8	251	12.2	54.0	62
8/4/2008 23:00	9	1.2	2.7	237	10.6	51.1	64
8/5/2008 0:00	14	0.9	2.0	231	9.0	48.2	69
8/5/2008 1:00	9	1.2	2.7	239	8.2	46.8	70
8/5/2008 2:00	13	1.1	2.5	225	7.3	45.1	72
8/5/2008 3:00	12	1.0	2.2	240	6.5	43.7	72
8/5/2008 4:00	-5	0.8	1.8	227	5.7	42.3	74
8/5/2008 5:00	9	1.0	2.2	209	7.4	45.3	66
8/5/2008 6:00	29	1.3	2.9	238	6.5	43.7	69
8/5/2008 7:00	29	1.4	3.1	221	11.8	53.2	53
8/5/2008 8:00	28	1.7	3.8	184	15.7	60.3	45
8/5/2008 9:00	35	1.6	3.6	190	19.3	66.7	38
8/5/2008 10:00	46	1.5	3.4	103	23.2	73.8	32
8/5/2008 11:00	34	2.0	4.5	72	24.4	75.9	33
8/5/2008 12:00	50	2.2	4.9	279	27.8	82.0	23
8/5/2008 13:00	58	3.1	6.9	37	28.1	82.6	24
8/5/2008 14:00	36	2.5	5.6	41	28.5	83.3	20
8/5/2008 15:00	43	3.4	7.6	20	29.8	85.6	16
8/5/2008 16:00	42	3.8	8.5	20	30.0	86.0	15
8/5/2008 17:00	27	3.5	7.8	24	29.9	85.8	14
8/5/2008 18:00	30	3.3	7.4	17	29.6	85.3	15
8/5/2008 19:00	27	2.9	6.5	18	28.0	82.4	16
8/5/2008 20:00	24	1.6	3.6	337	24.5	76.1	25
8/5/2008 21:00	30	1.5	3.4	293	20.2	68.4	33
8/5/2008 22:00	19	1.1	2.5	281	17.0	62.6	40
8/5/2008 23:00	36	1.0	2.2	237	15.6	60.1	45
8/6/2008 0:00	24	1.1	2.5	246	12.1	53.8	58
8/6/2008 1:00	27	0.9	2.0	225	10.3	50.5	64
8/6/2008 2:00	19	0.9	2.0	222	8.2	46.8	71
8/6/2008 3:00	11	0.7	1.6	263	7.0	44.6	75
8/6/2008 4:00	7	0.8	1.8	248	6.3	43.3	77
8/6/2008 5:00	9	0.9	2.0	253	5.5	41.9	79
8/6/2008 6:00	67	0.8	1.8	239	6.2	43.2	76
8/6/2008 7:00	52	0.8	1.8	209	9.6	49.3	63
8/6/2008 8:00	42	1.1	2.5	185	14.4	57.9	48
8/6/2008 9:00	38	1.0	2.2	191	18.7	65.7	37
8/6/2008 10:00	22	1.0	2.2	222	21.7	71.1	29
8/6/2008 11:00	48	1.4	3.1	26	24.3	75.7	26
8/6/2008 12:00	60	2.1	4.7	45	26.6	79.9	25
8/6/2008 13:00	44	2.0	4.5	36	28.6	83.5	22
8/6/2008 14:00	56	2.4	5.4	47	30.4	86.7	20
8/6/2008 15:00	33	2.8	6.3	38	31.1	88.0	19
8/6/2008 16:00	37	2.6	5.8	20	31.9	89.4	17
8/6/2008 17:00	21	2.1	4.7	348	31.7	89.1	17
8/6/2008 18:00	34	2.9	6.5	8	31.1	88.0	19
8/6/2008 19:00	26	2.0	4.5	354	28.7	83.7	25
8/6/2008 20:00	35	1.4	3.1	182	25.5	77.9	32
8/6/2008 21:00	57	1.0	2.2	228	22.0	71.6	40
8/6/2008 22:00	35	1.0	2.2	228	16.8	62.2	56
8/6/2008 23:00	25	1.4	3.1	222	14.1	57.4	61
8/7/2008 0:00	18	1.0	2.2	182	13.7	56.7	61
8/7/2008 1:00	15	1.2	2.7	258	13.1	55.6	62
8/7/2008 2:00	27	0.9	2.0	207	14.4	57.9	61
8/7/2008 3:00	22	0.9	2.0	249	13.4	56.1	66
8/7/2008 4:00	10	1.3	2.9	248	16.1	61.0	53
8/7/2008 5:00	17	1.3	2.9	226	18.5	65.3	45
8/7/2008 6:00	36	1.7	3.8	198	18.7	65.7	46
8/7/2008 7:00	38	1.6	3.6	187	19.4	66.9	47
8/7/2008 8:00	18	1.9	4.3	170	19.6	67.3	49
8/7/2008 9:00	39	3.0	6.7	148	25.3	77.5	37
8/7/2008 10:00	27	2.0	4.5	173	28.0	82.4	31
8/7/2008 11:00	230	2.4	5.4	155	30.3	86.5	26
8/7/2008 12:00	177	2.3	5.1	181	31.6	88.9	22
8/7/2008 13:00	BA	BA	BA	BA	BA	BA	BA
8/7/2008 14:00	60	3.1	6.9	342	26.3	79.3	39
8/7/2008 15:00	31	2.8	6.3	316	24.7	76.5	44
8/7/2008 16:00	36	3.3	7.4	24	24.2	75.6	43
8/7/2008 17:00	56	1.6	3.6	185	22.3	72.1	52
8/7/2008 18:00	16	3.0	6.7	202	17.3	63.1	77
8/7/2008 19:00	11	2.4	5.4	165	18.0	64.4	75
8/7/2008 20:00	14	1.6	3.6	194	17.6	63.7	76
8/7/2008 21:00	11	1.0	2.2	215	16.1	61.0	79
8/7/2008 22:00	9	1.0	2.2	235	14.4	57.9	85
8/7/2008 23:00	11	1.3	2.9	211	14.2	57.6	84
8/8/2008 0:00	6	1.7	3.8	189	13.9	57.0	83
8/8/2008 1:00	12	1.5	3.4	198	13.4	56.1	82
8/8/2008 2:00	11	1.6	3.6	169	13.8	56.8	81
8/8/2008 3:00	11	1.4	3.1	193	13.3	55.9	84
8/8/2008 4:00	11	1.6	3.6	193	13.3	55.9	83
8/8/2008 5:00	14	1.5	3.4	201	12.5	54.5	84
8/8/2008 6:00	15	1.7	3.8	213	12.4	54.3	84
8/8/2008 7:00	11	2.3	5.1	183	14.4	57.9	76

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
8/8/2008 8:00	14	2.1	4.7	180	17.1	62.8	68
8/8/2008 9:00	15	2.0	4.5	181	19.4	66.9	62
8/8/2008 10:00	31	1.5	3.4	135	21.9	71.4	55
8/8/2008 11:00	23	3.1	6.9	244	24.3	75.7	46
8/8/2008 12:00	23	3.2	7.2	248	24.9	76.8	44
8/8/2008 13:00	41	3.7	8.3	244	23.0	73.4	49
8/8/2008 14:00	48	3.7	8.3	243	21.7	71.1	55
8/8/2008 15:00	26	1.7	3.8	245	21.1	70.0	53
8/8/2008 16:00	2	2.1	4.7	262	22.0	71.6	49
8/8/2008 17:00	17	1.9	4.3	325	24.8	76.6	38
8/8/2008 18:00	19	1.4	3.1	75	24.8	76.6	39
8/8/2008 19:00	164	0.9	2.0	169	24.1	75.4	41
8/8/2008 20:00	25	1.6	3.6	161	20.3	68.5	53
8/8/2008 21:00	17	1.4	3.1	174	18.3	64.9	63
8/8/2008 22:00	11	1.3	2.9	217	17.1	62.8	68
8/8/2008 23:00	10	1.1	2.5	224	16.1	61.0	69
8/9/2008 0:00	3	1.3	2.9	235	15.5	59.9	70
8/9/2008 1:00	9	1.6	3.6	239	15.1	59.2	72
8/9/2008 2:00	3	1.7	3.8	240	14.3	57.7	76
8/9/2008 3:00	4	1.6	3.6	228	14.1	57.4	75
8/9/2008 4:00	5	1.6	3.6	227	13.3	55.9	77
8/9/2008 5:00	17	1.6	3.6	208	13.5	56.3	76
8/9/2008 6:00	10	1.3	2.9	137	11.3	52.3	85
8/9/2008 7:00	23	0.8	1.8	232	12.8	55.0	76
8/9/2008 8:00	0	1.1	2.5	173	16.1	61.0	64
8/9/2008 9:00	12	1.3	2.9	156	19.6	67.3	54
8/9/2008 10:00	24	1.2	2.7	213	21.0	69.8	52
8/9/2008 11:00	16	1.5	3.4	226	22.6	72.7	51
8/9/2008 12:00	29	2.5	5.6	225	26.4	79.5	35
8/9/2008 13:00	31	2.7	6.0	220	27.1	80.8	30
8/9/2008 14:00	26	2.3	5.1	169	24.8	76.6	35
8/9/2008 15:00	12	3.1	6.9	126	24.1	75.4	38
8/9/2008 16:00	19	2.7	6.0	19	25.4	77.7	34
8/9/2008 17:00	23	1.6	3.6	53	22.7	72.9	45
8/9/2008 18:00	27	3.2	7.2	154	21.5	70.7	43
8/9/2008 19:00	12	1.6	3.6	155	19.6	67.3	50
8/9/2008 20:00	13	1.2	2.7	288	17.3	63.1	61
8/9/2008 21:00	34	1.2	2.7	248	14.9	58.8	69
8/9/2008 22:00	11	0.9	2.0	248	12.8	55.0	75
8/9/2008 23:00	9	1.3	2.9	253	12.1	53.8	77
8/10/2008 0:00	13	1.1	2.5	221	11.1	52.0	79
8/10/2008 1:00	19	1.1	2.5	208	11.1	52.0	82
8/10/2008 2:00	4	0.9	2.0	224	8.0	46.4	87
8/10/2008 3:00	5	1.1	2.5	230	7.9	46.2	87
8/10/2008 4:00	8	1.1	2.5	230	7.2	45.0	88
8/10/2008 5:00	9	1.1	2.5	233	7.1	44.8	88
8/10/2008 6:00	29	1.0	2.2	224	8.1	46.6	87
8/10/2008 7:00	7	0.7	1.6	110	9.5	49.1	78
8/10/2008 8:00	193	1.0	2.2	103	13.8	56.8	67
8/10/2008 9:00	17	1.1	2.5	55	16.7	62.1	58
8/10/2008 10:00	25	2.0	4.5	33	18.6	65.5	52
8/10/2008 11:00	36	1.8	4.0	39	20.5	68.9	47
8/10/2008 12:00	56	2.2	4.9	24	22.9	73.2	39
8/10/2008 13:00	120	3.5	7.8	239	25.9	78.6	20
8/10/2008 14:00	66	5.3	11.9	241	26.5	79.7	14
8/10/2008 15:00	41	5.4	12.1	266	26.2	79.2	15
8/10/2008 16:00	38	4.4	9.8	16	23.6	74.5	36
8/10/2008 17:00	32	2.9	6.5	330	23.3	73.9	31
8/10/2008 18:00	65	3.5	7.8	359	22.5	72.5	35
8/10/2008 19:00	61	4.6	10.3	41	19.6	67.3	41
8/10/2008 20:00	26	4.0	8.9	32	17.5	63.5	43
8/10/2008 21:00	26	2.6	5.8	349	15.5	59.9	46
8/10/2008 22:00	14	2.4	5.4	5	14.3	57.7	47
8/10/2008 23:00	8	2.9	6.5	356	13.2	55.8	48
8/11/2008 0:00	8	2.8	6.3	349	12.5	54.5	50
8/11/2008 1:00	9	1.6	3.6	305	11.1	52.0	55
8/11/2008 2:00	10	1.2	2.7	168	7.7	45.9	66
8/11/2008 3:00	9	1.2	2.7	228	6.0	42.8	72
8/11/2008 4:00	8	1.2	2.7	167	4.2	39.6	77
8/11/2008 5:00	14	0.9	2.0	206	4.3	39.7	78
8/11/2008 6:00	31	1.0	2.2	199	3.7	38.7	80
8/11/2008 7:00	-1	1.2	2.7	138	5.5	41.9	73
8/11/2008 8:00	15	2.3	5.1	183	11.0	51.8	57
8/11/2008 9:00	19	4.8	10.7	249	13.8	56.8	47
8/11/2008 10:00	19	3.3	7.4	242	16.2	61.2	40
8/11/2008 11:00	24	2.9	6.5	230	18.2	64.8	35
8/11/2008 12:00	26	2.8	6.3	231	19.8	67.6	30
8/11/2008 13:00	34	2.9	6.5	268	22.2	72.0	22
8/11/2008 14:00	40	3.7	8.3	300	23.2	73.8	17
8/11/2008 15:00	49	4.1	9.2	296	24.0	75.2	14
8/11/2008 16:00	BA	BA	BA	BA	BA	BA	BA
8/11/2008 17:00	BA	BA	BA	BA	BA	BA	BA
8/11/2008 18:00	BA	BA	BA	BA	BA	BA	BA
8/11/2008 19:00	BA	BA	BA	BA	BA	BA	BA
8/11/2008 20:00	BA	BA	BA	BA	BA	BA	BA
8/11/2008 21:00	BA	BA	BA	BA	BA	BA	BA
8/11/2008 22:00	BA	BA	BA	BA	BA	BA	BA
8/11/2008 23:00	BA	BA	BA	BA	BA	BA	BA
8/12/2008 0:00	BA	BA	BA	BA	BA	BA	BA
8/12/2008 1:00	BA	BA	BA	BA	BA	BA	BA

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
8/12/2008 2:00	BA	BA	BA	BA	BA	BA	BA
8/12/2008 3:00	BA	BA	BA	BA	BA	BA	BA
8/12/2008 4:00	BA	BA	BA	BA	BA	BA	BA
8/12/2008 5:00	BA	BA	BA	BA	BA	BA	BA
8/12/2008 6:00	BA	BA	BA	BA	BA	BA	BA
8/12/2008 7:00	BA	BA	BA	BA	BA	BA	BA
8/12/2008 8:00	BA	BA	BA	BA	BA	BA	BA
8/12/2008 9:00	BA	BA	BA	BA	BA	BA	BA
8/12/2008 10:00	BA	BA	BA	BA	BA	BA	BA
8/12/2008 11:00	BA	BA	BA	BA	BA	BA	BA
8/12/2008 12:00	BA	BA	BA	BA	BA	BA	BA
8/12/2008 13:00	BA	BA	BA	BA	BA	BA	BA
8/12/2008 14:00	BA	BA	BA	BA	BA	BA	BA
8/12/2008 15:00	BA	BA	BA	BA	BA	BA	BA
8/12/2008 16:00	25	3.5	7.8	16	26.1	79.0	21
8/12/2008 17:00	18	3.9	8.7	32	26.4	79.5	19
8/12/2008 18:00	17	3.5	7.8	32	25.8	78.4	19
8/12/2008 19:00	19	3.5	7.8	44	24.0	75.2	24
8/12/2008 20:00	19	2.0	4.5	35	21.1	70.0	29
8/12/2008 21:00	34	1.3	2.9	270	16.7	62.1	39
8/12/2008 22:00	30	1.4	3.1	225	12.9	55.2	50
8/12/2008 23:00	14	1.1	2.5	227	9.7	49.5	60
8/13/2008 0:00	6	1.0	2.2	187	10.0	50.0	57
8/13/2008 1:00	9	1.3	2.9	199	10.5	50.9	53
8/13/2008 2:00	9	1.3	2.9	197	8.1	46.6	62
8/13/2008 3:00	8	1.3	2.9	204	8.7	47.7	58
8/13/2008 4:00	12	1.3	2.9	213	10.2	50.4	54
8/13/2008 5:00	16	0.9	2.0	231	10.3	50.5	55
8/13/2008 6:00	46	0.7	1.6	255	8.5	47.3	62
8/13/2008 7:00	36	0.7	1.6	186	9.3	48.7	59
8/13/2008 8:00	48	1.0	2.2	179	12.4	54.3	51
8/13/2008 9:00	42	1.1	2.5	150	15.9	60.6	41
8/13/2008 10:00	25	1.0	2.2	184	18.5	65.3	37
8/13/2008 11:00	51	1.2	2.7	40	20.9	69.6	31
8/13/2008 12:00	31	1.7	3.8	23	23.0	73.4	24
8/13/2008 13:00	22	3.1	6.9	286	24.0	75.2	21
8/13/2008 14:00	17	2.5	5.6	45	25.2	77.4	21
8/13/2008 15:00	14	2.1	4.7	50	23.9	75.0	24
8/13/2008 16:00	9	1.9	4.3	30	24.0	75.2	24
8/13/2008 17:00	14	2.7	6.0	16	24.3	75.7	25
8/13/2008 18:00	14	2.3	5.1	24	24.4	75.9	24
8/13/2008 19:00	15	0.9	2.0	341	22.8	73.0	31
8/13/2008 20:00	17	0.6	1.3	289	18.9	66.0	45
8/13/2008 21:00	19	1.2	2.7	257	15.9	60.6	52
8/13/2008 22:00	22	1.2	2.7	191	12.9	55.2	59
8/13/2008 23:00	7	1.1	2.5	231	11.7	53.1	64
8/14/2008 0:00	10	1.0	2.2	167	10.3	50.5	67
8/14/2008 1:00	10	0.9	2.0	219	9.5	49.1	68
8/14/2008 2:00	10	0.9	2.0	212	8.9	48.0	70
8/14/2008 3:00	9	1.4	3.1	189	9.2	48.6	68
8/14/2008 4:00	5	1.1	2.5	190	8.6	47.5	70
8/14/2008 5:00	12	1.2	2.7	197	8.2	46.8	71
8/14/2008 6:00	22	0.8	1.8	178	7.3	45.1	75
8/14/2008 7:00	14	1.1	2.5	261	10.2	50.4	66
8/14/2008 8:00	22	0.7	1.6	139	14.2	57.6	54
8/14/2008 9:00	16	1.1	2.5	25	17.5	63.5	43
8/14/2008 10:00	32	1.6	3.6	4	19.2	66.6	42
8/14/2008 11:00	30	2.3	5.1	14	21.3	70.3	38
8/14/2008 12:00	51	3.5	7.8	22	22.9	73.2	35
8/14/2008 13:00	48	3.4	7.6	17	24.3	75.7	27
8/14/2008 14:00	59	4.6	10.3	39	24.9	76.8	26
8/14/2008 15:00	44	4.4	9.8	38	25.0	77.0	26
8/14/2008 16:00	32	4.3	9.6	23	25.2	77.4	26
8/14/2008 17:00	31	4.0	8.9	19	25.1	77.2	27
8/14/2008 18:00	20	3.6	8.1	24	24.6	76.3	28
8/14/2008 19:00	28	3.5	7.8	11	23.1	73.6	32
8/14/2008 20:00	22	2.9	6.5	357	19.3	66.7	43
8/14/2008 21:00	20	1.4	3.1	330	16.4	61.5	49
8/14/2008 22:00	31	0.8	1.8	299	14.3	57.7	56
8/14/2008 23:00	29	0.8	1.8	239	10.4	50.7	71
8/15/2008 0:00	23	0.7	1.6	223	8.1	46.6	78
8/15/2008 1:00	17	0.8	1.8	246	7.3	45.1	79
8/15/2008 2:00	26	1.1	2.5	238	7.5	45.5	76
8/15/2008 3:00	18	0.7	1.6	224	5.1	41.2	84
8/15/2008 4:00	18	0.9	2.0	235	5.2	41.4	83
8/15/2008 5:00	44	0.8	1.8	229	4.8	40.6	85
8/15/2008 6:00	40	0.9	2.0	231	4.9	40.8	84
8/15/2008 7:00	21	0.8	1.8	183	7.7	45.9	71
8/15/2008 8:00	24	1.3	2.9	157	12.3	54.1	58
8/15/2008 9:00	28	1.0	2.2	242	16.2	61.2	47
8/15/2008 10:00	27	1.5	3.4	268	19.0	66.2	39
8/15/2008 11:00	19	1.9	4.3	315	20.1	68.2	38
8/15/2008 12:00	28	2.1	4.7	306	21.4	70.5	35
8/15/2008 13:00	37	1.9	4.3	359	22.6	72.7	31
8/15/2008 14:00	28	1.8	4.0	324	24.0	75.2	29
8/15/2008 15:00	25	1.8	4.0	297	24.8	76.6	27
8/15/2008 16:00	19	1.9	4.3	323	25.4	77.7	25
8/15/2008 17:00	20	1.9	4.3	316	25.8	78.4	24
8/15/2008 18:00	12	2.4	5.4	8	25.6	78.1	24
8/15/2008 19:00	18	1.8	4.0	345	24.3	75.7	27
8/15/2008 20:00	33	1.0	2.2	257	20.7	69.3	35

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
8/15/2008 21:00	42	0.9	2.0	176	18.1	64.6	41
8/15/2008 22:00	29	0.9	2.0	197	16.4	61.5	46
8/15/2008 23:00	13	1.3	2.9	245	12.2	54.0	58
8/16/2008 0:00	46	1.3	2.9	231	10.7	51.3	64
8/16/2008 1:00	14	1.0	2.2	243	8.1	46.6	73
8/16/2008 2:00	14	1.1	2.5	254	8.4	47.1	71
8/16/2008 3:00	2	1.1	2.5	243	8.8	47.8	68
8/16/2008 4:00	8	1.1	2.5	213	9.8	49.6	64
8/16/2008 5:00	10	1.4	3.1	221	9.4	48.9	64
8/16/2008 6:00	8	1.4	3.1	229	9.2	48.6	64
8/16/2008 7:00	24	1.8	4.0	182	11.0	51.8	57
8/16/2008 8:00	27	2.0	4.5	178	14.0	57.2	49
8/16/2008 9:00	37	2.5	5.6	159	17.9	64.2	41
8/16/2008 10:00	20	2.9	6.5	148	21.7	71.1	33
8/16/2008 11:00	18	1.8	4.0	137	24.7	76.5	25
8/16/2008 12:00	13	1.8	4.0	48	26.7	80.1	22
8/16/2008 13:00	20	2.5	5.6	51	28.1	82.6	16
8/16/2008 14:00	17	2.6	5.8	49	29.4	84.9	14
8/16/2008 15:00	23	2.8	6.3	12	29.9	85.8	17
8/16/2008 16:00	16	2.5	5.6	2	30.3	86.5	17
8/16/2008 17:00	18	2.7	6.0	9	30.5	86.9	13
8/16/2008 18:00	13	2.3	5.1	353	30.2	86.4	12
8/16/2008 19:00	16	1.3	2.9	316	28.6	83.5	16
8/16/2008 20:00	33	1.1	2.5	253	22.6	72.7	32
8/16/2008 21:00	43	1.2	2.7	239	17.2	63.0	43
8/16/2008 22:00	32	1.4	3.1	197	15.2	59.4	46
8/16/2008 23:00	19	0.8	1.8	231	11.7	53.1	57
8/17/2008 0:00	18	1.3	2.9	223	11.3	52.3	57
8/17/2008 1:00	8	1.2	2.7	229	9.8	49.6	60
8/17/2008 2:00	23	1.1	2.5	234	9.3	48.7	60
8/17/2008 3:00	20	0.9	2.0	221	8.3	46.9	62
8/17/2008 4:00	15	1.1	2.5	219	7.5	45.5	65
8/17/2008 5:00	14	0.9	2.0	239	7.4	45.3	64
8/17/2008 6:00	33	1.0	2.2	210	7.6	45.7	63
8/17/2008 7:00	51	0.8	1.8	230	9.3	48.7	58
8/17/2008 8:00	13	1.3	2.9	156	15.5	59.9	42
8/17/2008 9:00	22	1.0	2.2	153	20.6	69.1	29
8/17/2008 10:00	31	1.0	2.2	155	24.1	75.4	22
8/17/2008 11:00	28	1.4	3.1	44	26.8	80.2	18
8/17/2008 12:00	17	1.6	3.6	56	29.4	84.9	15
8/17/2008 13:00	16	2.0	4.5	347	31.0	87.8	13
8/17/2008 14:00	33	2.1	4.7	170	31.7	89.1	12
8/17/2008 15:00	23	1.7	3.8	193	32.4	90.3	12
8/17/2008 16:00	23	1.8	4.0	208	32.2	90.0	12
8/17/2008 17:00	36	1.6	3.6	189	32.4	90.3	12
8/17/2008 18:00	26	1.6	3.6	175	31.4	88.5	13
8/17/2008 19:00	27	0.9	2.0	190	29.0	84.2	18
8/17/2008 20:00	32	1.0	2.2	236	23.3	73.9	31
8/17/2008 21:00	23	1.6	3.6	237	19.3	66.7	37
8/17/2008 22:00	22	1.2	2.7	254	16.6	61.9	44
8/17/2008 23:00	20	0.9	2.0	244	13.5	56.3	54
8/18/2008 0:00	17	0.8	1.8	232	11.4	52.5	62
8/18/2008 1:00	17	0.8	1.8	226	9.7	49.5	68
8/18/2008 2:00	1	1.2	2.7	245	9.4	48.9	65
8/18/2008 3:00	22	0.7	1.6	231	8.6	47.5	67
8/18/2008 4:00	16	1.1	2.5	243	7.9	46.2	68
8/18/2008 5:00	11	0.9	2.0	237	7.3	45.1	72
8/18/2008 6:00	26	1.1	2.5	236	7.6	45.7	70
8/18/2008 7:00	24	1.4	3.1	249	12.3	54.1	52
8/18/2008 8:00	60	1.4	3.1	227	16.4	61.5	40
8/18/2008 9:00	46	1.3	2.9	215	20.9	69.6	32
8/18/2008 10:00	49	2.2	4.9	180	25.9	78.6	23
8/18/2008 11:00	50	3.6	8.1	133	29.3	84.7	17
8/18/2008 12:00	40	3.2	7.2	145	31.6	88.9	13
8/18/2008 13:00	25	3.0	6.7	123	32.9	91.2	10
8/18/2008 14:00	62	4.3	9.6	133	33.2	91.8	8
8/18/2008 15:00	58	3.2	7.2	145	33.8	92.8	8
8/18/2008 16:00	22	3.8	8.5	132	33.6	92.5	7
8/18/2008 17:00	49	3.2	7.2	149	33.6	92.5	8
8/18/2008 18:00	35	2.8	6.3	153	32.7	90.9	9
8/18/2008 19:00	32	2.2	4.9	165	30.9	87.6	11
8/18/2008 20:00	33	1.2	2.7	160	26.4	79.5	18
8/18/2008 21:00	49	1.3	2.9	205	22.6	72.7	23
8/18/2008 22:00	23	1.2	2.7	200	21.3	70.3	24
8/18/2008 23:00	27	1.4	3.1	216	22.0	71.6	23
8/19/2008 0:00	31	1.6	3.6	178	20.7	69.3	26
8/19/2008 1:00	26	1.4	3.1	219	18.7	65.7	32
8/19/2008 2:00	25	1.3	2.9	156	19.6	67.3	29
8/19/2008 3:00	41	2.0	4.5	157	22.6	72.7	25
8/19/2008 4:00	39	1.9	4.3	193	20.9	69.6	29
8/19/2008 5:00	61	1.8	4.0	287	17.5	63.5	39
8/19/2008 6:00	75	1.2	2.7	224	15.0	59.0	50
8/19/2008 7:00	82	0.6	1.3	235	12.6	54.7	60
8/19/2008 8:00	93	0.8	1.8	157	17.2	63.0	46
8/19/2008 9:00	159	1.0	2.2	199	21.4	70.5	38
8/19/2008 10:00	111	1.0	2.2	213	23.9	75.0	32
8/19/2008 11:00	71	1.1	2.5	141	26.9	80.4	24
8/19/2008 12:00	166	1.7	3.8	327	28.9	84.0	23
8/19/2008 13:00	204	3.5	7.8	264	26.3	79.3	29
8/19/2008 14:00	114	4.6	10.3	272	25.5	77.9	33

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
8/19/2008 15:00	87	3.2	7.2	331	22.6	72.7	46
8/19/2008 16:00	78	2.9	6.5	32	21.9	71.4	51
8/19/2008 17:00	71	2.1	4.7	350	21.3	70.3	57
8/19/2008 18:00	45	1.2	2.7	281	19.9	67.8	58
8/19/2008 19:00	41	0.9	2.0	295	19.4	66.9	58
8/19/2008 20:00	59	2.0	4.5	333	17.9	64.2	68
8/19/2008 21:00	34	3.0	6.7	350	16.6	61.9	68
8/19/2008 22:00	106	2.1	4.7	6	15.2	59.4	73
8/19/2008 23:00	29	2.3	5.1	356	13.5	56.3	80
8/20/2008 0:00	14	1.5	3.4	282	12.1	53.8	86
8/20/2008 1:00	31	1.0	2.2	192	10.6	51.1	90
8/20/2008 2:00	38	1.0	2.2	231	9.1	48.4	92
8/20/2008 3:00	10	1.0	2.2	202	7.8	46.0	92
8/20/2008 4:00	-5	1.0	2.2	246	7.6	45.7	92
8/20/2008 5:00	48	1.4	3.1	236	9.8	49.6	85
8/20/2008 6:00	43	1.4	3.1	216	9.6	49.3	86
8/20/2008 7:00	34	1.6	3.6	196	10.9	51.6	77
8/20/2008 8:00	36	2.0	4.5	175	14.5	58.1	63
8/20/2008 9:00	35	1.7	3.8	174	18.4	65.1	47
8/20/2008 10:00	29	2.7	6.0	232	20.5	68.9	37
8/20/2008 11:00	40	3.6	8.1	239	20.3	68.5	36
8/20/2008 12:00	39	4.8	10.7	244	21.5	70.7	31
8/20/2008 13:00	38	4.1	9.2	238	21.5	70.7	34
8/20/2008 14:00	28	3.9	8.7	239	21.4	70.5	35
8/20/2008 15:00	46	4.3	9.6	238	23.5	74.3	31
8/20/2008 16:00	35	4.2	9.4	238	24.9	76.8	28
8/20/2008 17:00	48	5.2	11.6	257	24.0	75.2	31
8/20/2008 18:00	48	5.1	11.4	283	20.5	68.9	45
8/20/2008 19:00	48	4.3	9.6	272	17.6	63.7	58
8/20/2008 20:00	2	1.6	3.6	311	16.7	62.1	59
8/20/2008 21:00	16	1.0	2.2	179	14.8	58.6	67
8/20/2008 22:00	12	2.1	4.7	314	13.4	56.1	74
8/20/2008 23:00	9	2.5	5.6	358	12.2	54.0	79
8/21/2008 0:00	-5	2.0	4.5	259	10.0	50.0	87
8/21/2008 1:00	-5	1.1	2.5	340	9.0	48.2	90
8/21/2008 2:00	6	2.5	5.6	25	10.7	51.3	87
8/21/2008 3:00	8	1.3	2.9	250	9.2	48.6	91
8/21/2008 4:00	-5	0.9	2.0	140	7.9	46.2	93
8/21/2008 5:00	27	1.1	2.5	178	8.7	47.7	93
8/21/2008 6:00	27	1.1	2.5	162	8.9	48.0	92
8/21/2008 7:00	7	1.5	3.4	158	9.9	49.8	88
8/21/2008 8:00	2	1.5	3.4	147	12.1	53.8	79
8/21/2008 9:00	14	3.1	6.9	27	13.3	55.9	78
8/21/2008 10:00	10	3.7	8.3	12	13.9	57.0	75
8/21/2008 11:00	33	3.6	8.1	5	13.7	56.7	76
8/21/2008 12:00	7	4.2	9.4	15	13.0	55.4	81
8/21/2008 13:00	2	4.7	10.5	16	12.4	54.3	81
8/21/2008 14:00	8	4.6	10.3	20	13.6	56.5	69
8/21/2008 15:00	12	3.6	8.1	328	14.2	57.6	62
8/21/2008 16:00	57	5.6	12.5	301	11.6	52.9	61
8/21/2008 17:00	45	6.6	14.8	286	10.4	50.7	64
8/21/2008 18:00	4	3.2	7.2	291	10.1	50.2	66
8/21/2008 19:00	5	3.2	7.2	284	9.9	49.8	61
8/21/2008 20:00	8	1.5	3.4	301	9.5	49.1	56
8/21/2008 21:00	27	2.8	6.3	298	8.3	46.9	63
8/21/2008 22:00	-5	3.1	6.9	296	6.7	44.1	69
8/21/2008 23:00	-4	3.1	6.9	289	7.0	44.6	65
8/22/2008 0:00	1	2.7	6.0	293	7.2	45.0	63
8/22/2008 1:00	8	1.4	3.1	204	5.8	42.4	69
8/22/2008 2:00	-5	1.2	2.7	273	4.1	39.4	75
8/22/2008 3:00	8	1.9	4.3	278	5.7	42.3	69
8/22/2008 4:00	7	1.9	4.3	258	4.4	39.9	74
8/22/2008 5:00	5	2.6	5.8	258	4.6	40.3	73
8/22/2008 6:00	4	2.4	5.4	249	4.7	40.5	71
8/22/2008 7:00	5	1.6	3.6	173	4.7	40.5	70
8/22/2008 8:00	6	2.0	4.5	153	8.0	46.4	60
8/22/2008 9:00	13	1.9	4.3	205	11.3	52.3	49
8/22/2008 10:00	8	1.7	3.8	229	13.1	55.6	42
8/22/2008 11:00	4	1.8	4.0	208	14.5	58.1	39
8/22/2008 12:00	7	1.6	3.6	133	16.5	61.7	35
8/22/2008 13:00	7	2.0	4.5	44	18.1	64.6	32
8/22/2008 14:00	6	2.0	4.5	60	19.6	67.3	30
8/22/2008 15:00	8	2.0	4.5	359	20.9	69.6	26
8/22/2008 16:00	12	2.4	5.4	15	21.1	70.0	27
8/22/2008 17:00	8	3.1	6.9	0	20.8	69.4	32
8/22/2008 18:00	7	3.0	6.7	10	20.0	68.0	33
8/22/2008 19:00	9	2.5	5.6	12	18.5	65.3	40
8/22/2008 20:00	12	1.0	2.2	277	14.5	58.1	55
8/22/2008 21:00	28	1.0	2.2	250	10.3	50.5	70
8/22/2008 22:00	10	0.8	1.8	210	8.3	46.9	76
8/22/2008 23:00	7	1.1	2.5	247	8.7	47.7	72
8/23/2008 0:00	7	0.8	1.8	227	7.2	45.0	77
8/23/2008 1:00	6	0.8	1.8	222	7.1	44.8	77
8/23/2008 2:00	8	0.7	1.6	243	5.6	42.1	82
8/23/2008 3:00	-2	0.7	1.6	238	4.1	39.4	86
8/23/2008 4:00	9	1.0	2.2	233	4.2	39.6	84
8/23/2008 5:00	8	0.9	2.0	229	3.0	37.4	85
8/23/2008 6:00	12	1.0	2.2	241	1.7	35.1	87
8/23/2008 7:00	4	1.0	2.2	230	4.6	40.3	75
8/23/2008 8:00	13	1.4	3.1	204	10.0	50.0	56

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
8/23/2008 9:00	8	1.5	3.4	178	14.6	58.3	41
8/23/2008 10:00	12	1.1	2.5	181	18.4	65.1	29
8/23/2008 11:00	13	1.3	2.9	161	21.4	70.5	24
8/23/2008 12:00	22	2.3	5.1	43	22.8	73.0	26
8/23/2008 13:00	14	2.4	5.4	49	24.8	76.6	21
8/23/2008 14:00	28	2.9	6.5	32	26.8	80.2	15
8/23/2008 15:00	24	3.2	7.2	12	27.5	81.5	15
8/23/2008 16:00	34	3.6	8.1	13	27.6	81.7	15
8/23/2008 17:00	27	3.3	7.4	4	27.3	81.1	15
8/23/2008 18:00	29	3.6	8.1	12	26.1	79.0	20
8/23/2008 19:00	28	1.6	3.6	337	23.4	74.1	30
8/23/2008 20:00	30	1.3	2.9	260	18.6	65.5	46
8/23/2008 21:00	10	1.3	2.9	238	15.9	60.6	49
8/23/2008 22:00	22	1.0	2.2	223	11.9	53.4	60
8/23/2008 23:00	30	0.8	1.8	178	10.6	51.1	63
8/24/2008 0:00	24	0.9	2.0	212	9.7	49.5	67
8/24/2008 1:00	23	0.9	2.0	189	7.5	45.5	74
8/24/2008 2:00	13	1.0	2.2	223	6.9	44.4	76
8/24/2008 3:00	15	1.0	2.2	216	7.0	44.6	73
8/24/2008 4:00	22	1.2	2.7	211	7.2	45.0	70
8/24/2008 5:00	8	1.2	2.7	233	5.8	42.4	75
8/24/2008 6:00	22	1.4	3.1	226	8.7	47.7	64
8/24/2008 7:00	20	1.7	3.8	206	10.6	51.1	55
8/24/2008 8:00	45	1.9	4.3	190	13.8	56.8	45
8/24/2008 9:00	24	2.2	4.9	172	17.8	64.0	34
8/24/2008 10:00	30	2.5	5.6	155	22.1	71.8	26
8/24/2008 11:00	24	2.0	4.5	167	26.4	79.5	19
8/24/2008 12:00	19	2.0	4.5	180	29.2	84.6	12
8/24/2008 13:00	12	2.0	4.5	213	30.6	87.1	11
8/24/2008 14:00	16	2.0	4.5	174	32.1	89.8	10
8/24/2008 15:00	35	1.9	4.3	207	32.7	90.9	9
8/24/2008 16:00	36	2.0	4.5	190	33.0	91.4	10
8/24/2008 17:00	34	2.4	5.4	226	32.3	90.1	11
8/24/2008 18:00	17	1.8	4.0	219	31.7	89.1	13
8/24/2008 19:00	15	2.9	6.5	14	27.9	82.2	20
8/24/2008 20:00	28	1.1	2.5	274	21.9	71.4	37
8/24/2008 21:00	4	1.7	3.8	257	18.3	64.9	42
8/24/2008 22:00	23	1.3	2.9	207	15.4	59.7	49
8/24/2008 23:00	11	1.4	3.1	235	14.3	57.7	50
8/25/2008 0:00	18	1.3	2.9	219	12.5	54.5	56
8/25/2008 1:00	9	1.3	2.9	235	12.0	53.6	55
8/25/2008 2:00	6	1.4	3.1	245	13.5	56.3	48
8/25/2008 3:00	17	1.5	3.4	229	15.5	59.9	40
8/25/2008 4:00	17	1.8	4.0	215	15.4	59.7	39
8/25/2008 5:00	18	1.7	3.8	216	14.1	57.4	42
8/25/2008 6:00	31	1.7	3.8	234	13.7	56.7	43
8/25/2008 7:00	50	1.0	2.2	355	13.5	56.3	46
8/25/2008 8:00	45	1.1	2.5	343	16.2	61.2	42
8/25/2008 9:00	24	0.8	1.8	316	19.4	66.9	35
8/25/2008 10:00	42	2.3	5.1	4	22.0	71.6	32
8/25/2008 11:00	56	3.2	7.2	10	22.7	72.9	36
8/25/2008 12:00	58	3.4	7.6	13	25.0	77.0	31
8/25/2008 13:00	8A	BA	BA	BA	BA	BA	BA
8/25/2008 14:00	BA	BA	BA	BA	BA	BA	BA
8/25/2008 15:00	43	3.8	8.5	13	29.3	84.7	23
8/25/2008 16:00	46	3.7	8.3	21	29.1	84.4	23
8/25/2008 17:00	37	4.2	9.4	25	29.3	84.7	23
8/25/2008 18:00	32	4.2	9.4	19	27.5	81.5	28
8/25/2008 19:00	19	3.8	8.5	33	25.6	78.1	33
8/25/2008 20:00	24	3.0	6.7	14	23.5	74.3	37
8/25/2008 21:00	309	5.0	11.2	32	20.5	68.9	42
8/25/2008 22:00	178	5.6	12.5	40	16.1	61.0	56
8/25/2008 23:00	115	5.4	12.1	41	14.3	57.7	59
8/26/2008 0:00	58	4.8	10.7	27	13.4	56.1	60
8/26/2008 1:00	10	3.2	7.2	11	13.3	55.9	59
8/26/2008 2:00	13	3.0	6.7	357	13.1	55.6	59
8/26/2008 3:00	66	3.9	8.7	33	11.1	52.0	69
8/26/2008 4:00	-5	2.5	5.6	347	8.6	47.5	84
8/26/2008 5:00	2	2.5	5.6	347	7.7	45.9	84
8/26/2008 6:00	1	2.2	4.9	346	7.7	45.9	83
8/26/2008 7:00	1	1.1	2.5	270	7.7	45.9	76
8/26/2008 8:00	-5	2.9	6.5	292	8.8	47.8	64
8/26/2008 9:00	10	4.8	10.7	289	10.6	51.1	50
8/26/2008 10:00	13	4.9	11.0	290	12.1	53.8	41
8/26/2008 11:00	7	4.0	8.9	299	12.8	55.0	41
8/26/2008 12:00	18	4.5	10.1	296	13.7	56.7	37
8/26/2008 13:00	18	4.2	9.4	303	14.9	58.8	32
8/26/2008 14:00	21	4.7	10.5	295	15.8	60.4	28
8/26/2008 15:00	22	4.9	11.0	292	16.2	61.2	26
8/26/2008 16:00	19	4.4	9.8	293	16.6	61.9	23
8/26/2008 17:00	13	3.9	8.7	293	16.6	61.9	22
8/26/2008 18:00	8	3.4	7.6	300	15.8	60.4	23
8/26/2008 19:00	1	2.6	5.8	302	14.2	57.6	25
8/26/2008 20:00	9	1.7	3.8	341	11.1	52.0	41
8/26/2008 21:00	6	1.1	2.5	301	8.8	47.8	48
8/26/2008 22:00	15	1.0	2.2	186	5.4	41.7	60
8/26/2008 23:00	12	0.9	2.0	229	3.7	38.7	65
8/27/2008 0:00	4	0.9	2.0	225	4.0	39.2	64
8/27/2008 1:00	-3	1.0	2.2	212	4.9	40.8	56
8/27/2008 2:00	2	1.4	3.1	194	6.6	43.9	49

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
8/27/2008 3:00	2	1.4	3.1	199	7.7	45.9	46
8/27/2008 4:00	4	1.4	3.1	193	8.4	47.1	43
8/27/2008 5:00	11	2.0	4.5	188	9.6	49.3	38
8/27/2008 6:00	11	2.1	4.7	217	10.4	50.7	36
8/27/2008 7:00	30	2.2	4.9	221	11.0	51.8	34
8/27/2008 8:00	19	1.4	3.1	179	12.0	53.6	33
8/27/2008 9:00	12	1.6	3.6	61	14.3	57.7	30
8/27/2008 10:00	91	3.6	8.1	27	13.2	55.8	38
8/27/2008 11:00	34	5.0	11.2	43	9.9	49.8	57
8/27/2008 12:00	27	3.5	7.8	33	10.1	50.2	65
8/27/2008 13:00	21	1.9	4.3	333	11.6	52.9	64
8/27/2008 14:00	8	2.8	6.3	323	12.9	55.2	57
8/27/2008 15:00	27	4.8	10.7	292	14.7	58.5	49
8/27/2008 16:00	16	5.1	11.4	287	14.6	58.3	49
8/27/2008 17:00	10	4.4	9.8	288	14.7	58.5	45
8/27/2008 18:00	16	4.5	10.1	286	14.0	57.2	48
8/27/2008 19:00	10	3.1	6.9	293	12.5	54.5	55
8/27/2008 20:00	23	2.4	5.4	304	12.2	54.0	53
8/27/2008 21:00	23	2.3	5.1	319	11.7	53.1	58
8/27/2008 22:00	26	1.7	3.8	302	11.7	53.1	55
8/27/2008 23:00	41	1.4	3.1	303	11.7	53.1	53
8/28/2008 0:00	31	0.9	2.0	298	10.3	50.5	59
8/28/2008 1:00	57	1.1	2.5	261	9.6	49.3	64
8/28/2008 2:00	29	0.9	2.0	239	6.6	43.9	75
8/28/2008 3:00	21	0.8	1.8	131	5.0	41.0	77
8/28/2008 4:00	13	0.7	1.6	239	4.1	39.4	81
8/28/2008 5:00	27	1.1	2.5	253	6.7	44.1	72
8/28/2008 6:00	43	2.3	5.1	250	8.2	46.8	66
8/28/2008 7:00	40	2.4	5.4	255	8.9	48.0	62
8/28/2008 8:00	44	2.4	5.4	226	10.7	51.3	57
8/28/2008 9:00	53	3.1	6.9	215	13.6	56.5	47
8/28/2008 10:00	18	4.0	8.9	246	15.3	59.5	42
8/28/2008 11:00	26	2.4	5.4	230	17.7	63.9	36
8/28/2008 12:00	17	2.2	4.9	265	19.7	67.5	32
8/28/2008 13:00	19	3.4	7.6	284	21.7	71.1	31
8/28/2008 14:00	7	3.9	8.7	291	21.7	71.1	33
8/28/2008 15:00	9	3.9	8.7	294	22.3	72.1	33
8/28/2008 16:00	12	3.9	8.7	292	22.7	72.9	32
8/28/2008 17:00	23	3.9	8.7	284	21.7	71.1	35
8/28/2008 18:00	7	3.5	7.8	288	20.2	68.4	40
8/28/2008 19:00	5	3.0	6.7	283	18.9	66.0	44
8/28/2008 20:00	8	2.5	5.6	285	17.7	63.9	47
8/28/2008 21:00	0	2.5	5.6	289	16.6	61.9	50
8/28/2008 22:00	38	1.2	2.7	313	14.5	58.1	60
8/28/2008 23:00	9	1.1	2.5	257	11.6	52.9	71
8/29/2008 0:00	14	1.2	2.7	244	10.2	50.4	75
8/29/2008 1:00	10	1.2	2.7	210	7.9	46.2	81
8/29/2008 2:00	6	1.0	2.2	209	7.9	46.2	78
8/29/2008 3:00	6	1.2	2.7	192	6.9	44.4	79
8/29/2008 4:00	3	1.1	2.5	229	6.3	43.3	81
8/29/2008 5:00	8	1.1	2.5	233	7.2	45.0	79
8/29/2008 6:00	11	1.1	2.5	211	7.9	46.2	76
8/29/2008 7:00	15	1.1	2.5	233	8.0	46.4	74
8/29/2008 8:00	24	1.7	3.8	182	12.4	54.3	59
8/29/2008 9:00	26	2.5	5.6	164	16.2	61.2	49
8/29/2008 10:00	22	1.7	3.8	180	20.0	68.0	39
8/29/2008 11:00	33	2.8	6.3	227	21.3	70.3	35
8/29/2008 12:00	40	3.0	6.7	227	23.5	74.3	27
8/29/2008 13:00	41	2.3	5.1	214	25.8	78.4	23
8/29/2008 14:00	39	2.3	5.1	217	26.9	80.4	23
8/29/2008 15:00	21	2.1	4.7	209	28.4	83.1	18
8/29/2008 16:00	9	2.1	4.7	304	28.9	84.0	15
8/29/2008 17:00	12	1.8	4.0	324	28.7	83.7	17
8/29/2008 18:00	16	2.8	6.3	3	27.1	80.8	22
8/29/2008 19:00	16	2.7	6.0	11	24.5	76.1	25
8/29/2008 20:00	39	1.5	3.4	296	19.6	67.3	32
8/29/2008 21:00	14	1.8	4.0	257	16.9	62.4	35
8/29/2008 22:00	24	1.1	2.5	185	13.0	55.4	49
8/29/2008 23:00	16	1.2	2.7	242	11.9	53.4	50
8/30/2008 0:00	11	1.3	2.9	234	9.4	48.9	59
8/30/2008 1:00	12	1.2	2.7	230	7.9	46.2	64
8/30/2008 2:00	13	1.1	2.5	230	7.1	44.8	65
8/30/2008 3:00	4	1.2	2.7	221	7.8	46.0	63
8/30/2008 4:00	12	1.7	3.8	204	10.7	51.3	51
8/30/2008 5:00	17	1.8	4.0	190	11.5	52.7	49
8/30/2008 6:00	30	1.6	3.6	200	11.4	52.5	49
8/30/2008 7:00	19	1.5	3.4	94	10.9	51.6	52
8/30/2008 8:00	23	1.6	3.6	333	11.8	53.2	53
8/30/2008 9:00	15	1.4	3.1	264	15.4	59.7	41
8/30/2008 10:00	24	1.5	3.4	330	18.7	65.7	34
8/30/2008 11:00	66	2.6	5.8	7	20.7	69.3	34
8/30/2008 12:00	31	3.1	6.9	15	22.5	72.5	32
8/30/2008 13:00	65	4.0	8.9	9	24.6	76.3	29
8/30/2008 14:00	86	4.9	11.0	10	24.4	75.9	31
8/30/2008 15:00	15	4.3	9.6	16	24.0	75.2	32
8/30/2008 16:00	61	4.2	9.4	13	24.1	75.4	34
8/30/2008 17:00	13	4.1	9.2	26	23.9	75.0	34
8/30/2008 18:00	31	3.8	8.5	15	23.1	73.6	35
8/30/2008 19:00	18	2.5	5.6	24	20.7	69.3	41
8/30/2008 20:00	20	2.6	5.8	37	19.3	66.7	45
8/30/2008 21:00	19	3.9	8.7	46	17.6	63.7	51

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
8/30/2008 22:00	12	3.4	7.6	31	16.1	61.0	55
8/30/2008 23:00	13	1.9	4.3	347	14.5	58.1	57
8/31/2008 0:00	20	1.6	3.6	355	13.7	56.7	59
8/31/2008 1:00	22	1.5	3.4	320	12.0	53.6	64
8/31/2008 2:00	26	1.6	3.6	242	10.0	50.0	73
8/31/2008 3:00	19	1.2	2.7	240	7.9	46.2	81
8/31/2008 4:00	17	1.3	2.9	247	6.4	43.5	84
8/31/2008 5:00	3	1.2	2.7	284	7.5	45.5	87
8/31/2008 6:00	31	1.6	3.6	329	8.5	47.3	89
8/31/2008 7:00	8	1.3	2.9	318	9.0	48.2	87
8/31/2008 8:00	0	1.6	3.6	348	10.8	51.4	78
8/31/2008 9:00	10	1.8	4.0	326	11.6	52.9	76
8/31/2008 10:00	1	2.8	6.3	8	12.0	53.6	74
8/31/2008 11:00	7	3.4	7.6	351	12.7	54.9	63
8/31/2008 12:00	17	4.2	9.4	11	11.6	52.9	62
8/31/2008 13:00	7	4.0	8.9	8	11.0	51.8	67
8/31/2008 14:00	17	4.2	9.4	5	12.0	53.6	63
8/31/2008 15:00	41	3.7	8.3	351	10.6	51.1	72
8/31/2008 16:00	10	2.7	6.0	24	8.9	48.0	87
8/31/2008 17:00	2	3.0	6.7	352	8.6	47.5	86
8/31/2008 18:00	5	1.4	3.1	355	8.5	47.3	85
8/31/2008 19:00	5	1.1	2.5	327	8.1	46.6	89
8/31/2008 20:00	23	2.3	5.1	348	7.5	45.5	89
8/31/2008 21:00	0	3.9	8.7	350	5.8	42.4	88
8/31/2008 22:00	3	3.4	7.6	360	4.9	40.8	89
8/31/2008 23:00	14	2.7	6.0	342	4.2	39.6	89
9/1/2008 0:00	10	3.6	8.1	356	3.2	37.8	88

AN = Data not recorded

BA = Maintenance / routine repairs

Table 6
Warm Springs Site Hourly Average Data
Met One E-BAM
August 2008

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
8/1/2008 1:00	7	1.6	3.6	157	11.7	53.1	55
8/1/2008 2:00	3	1.3	2.9	150	11.0	51.8	54
8/1/2008 3:00	17	1.5	3.4	178	11.4	52.5	51
8/1/2008 4:00	7	1.2	2.7	177	11.6	52.9	51
8/1/2008 5:00	7	1.1	2.5	156	10.3	50.5	57
8/1/2008 6:00	9	0.7	1.6	325	7.4	45.3	72
8/1/2008 7:00	3	0.7	1.6	288	8.7	47.7	71
8/1/2008 8:00	21	0.9	2.0	236	13.4	56.1	55
8/1/2008 9:00	21	1.1	2.5	134	17.7	63.9	42
8/1/2008 10:00	21	1.2	2.7	1	21.4	70.5	33
8/1/2008 11:00	21	1.6	3.6	8	24.2	75.6	29
8/1/2008 12:00	BA	1.8	4.0	355	26.2	79.2	27
8/1/2008 13:00	22	1.8	4.0	351	28.6	83.5	25
8/1/2008 14:00	17	1.7	3.8	299	30.8	87.4	19
8/1/2008 15:00	13	3.5	7.8	246	31.8	89.2	15
8/1/2008 16:00	22	2.5	5.6	346	30.9	87.6	21
8/1/2008 17:00	22	2.0	4.5	10	30.1	86.2	23
8/1/2008 18:00	18	1.6	3.6	13	28.5	83.3	27
8/1/2008 19:00	29	1.4	3.1	22	26.6	79.9	30
8/1/2008 20:00	19	1.5	3.4	42	24.6	76.3	32
8/1/2008 21:00	12	1.6	3.6	36	22.2	72.0	36
8/1/2008 22:00	15	1.6	3.6	58	20.8	69.4	37
8/1/2008 23:00	17	1.4	3.1	27	19.6	67.3	39
8/2/2008 0:00	-5	1.3	2.9	280	14.6	58.3	57
8/2/2008 1:00	13	0.9	2.0	280	12.2	54.0	66
8/2/2008 2:00	4	0.9	2.0	228	10.1	50.2	73
8/2/2008 3:00	10	0.9	2.0	134	9.9	49.8	74
8/2/2008 4:00	12	0.7	1.6	141	9.4	48.9	76
8/2/2008 5:00	22	0.4	0.9	127	8.4	47.1	81
8/2/2008 6:00	14	0.6	1.3	262	6.4	43.5	87
8/2/2008 7:00	17	0.7	1.6	170	9.7	49.5	76
8/2/2008 8:00	9	0.7	1.6	140	15.2	59.4	55
8/2/2008 9:00	22	1.2	2.7	330	18.4	65.1	47
8/2/2008 10:00	13	1.7	3.8	356	20.2	68.4	44
8/2/2008 11:00	13	1.4	3.1	352	21.2	70.2	43
8/2/2008 12:00	11	1.7	3.8	359	23.5	74.3	38
8/2/2008 13:00	13	2.4	5.4	347	24.6	76.3	37
8/2/2008 14:00	16	2.0	4.5	9	26.8	80.2	32
8/2/2008 15:00	12	2.1	4.7	7	27.5	81.5	30
8/2/2008 16:00	23	2.3	5.1	358	24.1	75.4	36
8/2/2008 17:00	-2	2.2	4.9	326	18.3	64.9	64
8/2/2008 18:00	25	1.9	4.3	331	17.6	63.7	71
8/2/2008 19:00	13	1.6	3.6	7	16.4	61.5	69
8/2/2008 20:00	18	0.9	2.0	334	14.7	58.5	72
8/2/2008 21:00	8	1.0	2.2	307	11.0	51.8	86
8/2/2008 22:00	-5	0.5	1.1	93	9.6	49.3	92
8/2/2008 23:00	26	0.7	1.6	227	9.0	48.2	93
8/3/2008 0:00	-5	0.6	1.3	162	7.1	44.8	93
8/3/2008 1:00	38	1.1	2.5	150	7.9	46.2	91
8/3/2008 2:00	7	1.0	2.2	189	7.4	45.3	89
8/3/2008 3:00	2	1.1	2.5	168	7.5	45.5	87
8/3/2008 4:00	13	1.4	3.1	209	6.8	44.2	88
8/3/2008 5:00	20	1.3	2.9	204	6.4	43.5	88
8/3/2008 6:00	23	1.3	2.9	198	6.5	43.7	88
8/3/2008 7:00	11	1.4	3.1	188	8.5	47.3	81
8/3/2008 8:00	15	1.5	3.4	181	12.7	54.9	67
8/3/2008 9:00	16	1.0	2.2	68	16.1	61.0	58
8/3/2008 10:00	18	1.2	2.7	3	17.8	64.0	57
8/3/2008 11:00	18	1.6	3.6	2	19.5	67.1	55
8/3/2008 12:00	20	1.4	3.1	3	20.5	68.9	53
8/3/2008 13:00	20	1.5	3.4	20	21.8	71.2	48
8/3/2008 14:00	20	1.5	3.4	72	22.1	71.8	47
8/3/2008 15:00	13	1.3	2.9	17	22.5	72.5	45
8/3/2008 16:00	6	2.2	4.9	356	24.2	75.6	39
8/3/2008 17:00	10	1.9	4.3	7	24.9	76.8	35
8/3/2008 18:00	11	1.7	3.8	3	23.6	74.5	37
8/3/2008 19:00	-5	1.5	3.4	356	20.2	68.4	49
8/3/2008 20:00	-4	1.8	4.0	341	17.8	64.0	53
8/3/2008 21:00	4	1.6	3.6	350	16.2	61.2	58
8/3/2008 22:00	3	0.7	1.6	79	15.8	60.4	56
8/3/2008 23:00	8	0.8	1.8	28	15.2	59.4	54
8/4/2008 0:00	11	0.6	1.3	317	13.5	56.3	62
8/4/2008 1:00	7	0.4	0.9	88	11.9	53.4	71
8/4/2008 2:00	12	0.5	1.1	189	9.0	48.2	83
8/4/2008 3:00	11	0.4	0.9	244	6.8	44.2	89
8/4/2008 4:00	2	0.9	2.0	133	5.7	42.3	88
8/4/2008 5:00	10	1.2	2.7	150	5.6	42.1	85
8/4/2008 6:00	-5	1.0	2.2	154	5.8	42.4	84
8/4/2008 7:00	15	1.0	2.2	167	8.0	46.4	77
8/4/2008 8:00	8	1.1	2.5	192	13.0	55.4	56
8/4/2008 9:00	23	0.9	2.0	32	16.3	61.3	50
8/4/2008 10:00	13	1.3	2.9	356	17.9	64.2	49
8/4/2008 11:00	9	1.6	3.6	358	19.5	67.1	47
8/4/2008 12:00	8	1.7	3.8	350	21.6	70.9	40
8/4/2008 13:00	8	1.9	4.3	339	23.2	73.8	37

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
8/4/2008 14:00	15	1.7	3.8	4	25.4	77.7	31
8/4/2008 15:00	8	1.9	4.3	7	26.5	79.7	27
8/4/2008 16:00	6	1.8	4.0	5	27.1	80.8	25
8/4/2008 17:00	8	1.9	4.3	359	27.1	80.8	26
8/4/2008 18:00	11	1.8	4.0	356	26.4	79.5	27
8/4/2008 19:00	6	1.2	2.7	360	25.0	77.0	30
8/4/2008 20:00	10	0.8	1.8	317	20.5	68.9	47
8/4/2008 21:00	-5	0.7	1.6	305	13.0	55.4	68
8/4/2008 22:00	4	0.7	1.6	166	12.0	53.6	67
8/4/2008 23:00	8	0.8	1.8	142	11.2	52.2	70
8/5/2008 0:00	3	0.8	1.8	137	10.5	50.9	67
8/5/2008 1:00	11	1.1	2.5	149	9.7	49.5	66
8/5/2008 2:00	-2	1.1	2.5	140	9.2	48.6	67
8/5/2008 3:00	7	1.3	2.9	186	9.4	48.9	62
8/5/2008 4:00	2	1.6	3.6	187	9.4	48.9	61
8/5/2008 5:00	5	1.3	2.9	159	8.4	47.1	64
8/5/2008 6:00	9	1.7	3.8	197	8.7	47.7	64
8/5/2008 7:00	8	1.7	3.8	194	11.7	53.1	57
8/5/2008 8:00	17	1.7	3.8	166	16.7	62.1	47
8/5/2008 9:00	21	1.5	3.4	84	20.1	68.2	42
8/5/2008 10:00	13	1.5	3.4	3	21.0	69.8	43
8/5/2008 11:00	17	1.5	3.4	7	23.6	74.5	37
8/5/2008 12:00	12	1.9	4.3	360	26.1	79.0	31
8/5/2008 13:00	15	1.8	4.0	3	28.1	82.6	26
8/5/2008 14:00	18	1.9	4.3	4	29.8	85.6	22
8/5/2008 15:00	8	2.0	4.5	4	30.6	87.1	18
8/5/2008 16:00	7	2.1	4.7	358	30.8	87.4	17
8/5/2008 17:00	11	2.0	4.5	357	30.8	87.4	16
8/5/2008 18:00	6	1.5	3.4	13	30.2	86.4	17
8/5/2008 19:00	12	1.1	2.5	14	28.3	82.9	20
8/5/2008 20:00	6	0.9	2.0	351	23.9	75.0	33
8/5/2008 21:00	13	0.7	1.6	347	18.7	65.7	41
8/5/2008 22:00	4	1.2	2.7	6	16.5	61.7	45
8/5/2008 23:00	18	0.9	2.0	5	16.9	62.4	44
8/6/2008 0:00	3	0.5	1.1	9	16.0	60.8	46
8/6/2008 1:00	15	0.6	1.3	60	15.3	59.5	49
8/6/2008 2:00	3	1.0	2.2	173	11.3	52.3	62
8/6/2008 3:00	10	0.9	2.0	227	9.8	49.6	65
8/6/2008 4:00	4	1.2	2.7	175	9.0	48.2	67
8/6/2008 5:00	10	1.1	2.5	142	8.3	46.9	69
8/6/2008 6:00	7	1.0	2.2	118	7.2	45.0	74
8/6/2008 7:00	13	1.1	2.5	177	11.0	51.8	60
8/6/2008 8:00	29	1.4	3.1	205	16.4	61.5	44
8/6/2008 9:00	13	1.3	2.9	197	20.0	68.0	34
8/6/2008 10:00	16	0.9	2.0	246	22.7	72.9	30
8/6/2008 11:00	10	1.3	2.9	321	24.8	76.6	27
8/6/2008 12:00	18	1.3	2.9	38	26.8	80.2	26
8/6/2008 13:00	8	1.7	3.8	342	28.4	83.1	26
8/6/2008 14:00	13	1.9	4.3	348	30.6	87.1	23
8/6/2008 15:00	1	1.6	3.6	4	31.1	88.0	21
8/6/2008 16:00	12	2.0	4.5	344	31.8	89.2	18
8/6/2008 17:00	4	2.6	5.8	337	32.0	89.6	19
8/6/2008 18:00	27	2.0	4.5	342	31.0	87.8	23
8/6/2008 19:00	12	1.6	3.6	324	26.7	80.1	40
8/6/2008 20:00	13	1.0	2.2	243	21.7	71.1	51
8/6/2008 21:00	19	1.1	2.5	246	18.8	65.8	55
8/6/2008 22:00	38	1.1	2.5	182	17.1	62.8	59
8/6/2008 23:00	11	1.2	2.7	154	16.7	62.1	54
8/7/2008 0:00	20	1.1	2.5	164	14.9	58.8	59
8/7/2008 1:00	15	1.3	2.9	152	15.4	59.7	53
8/7/2008 2:00	6	1.0	2.2	168	15.1	59.2	61
8/7/2008 3:00	12	0.7	1.6	208	13.2	55.8	70
8/7/2008 4:00	4	0.7	1.6	231	13.4	56.1	67
8/7/2008 5:00	7	0.5	1.1	172	13.6	56.5	70
8/7/2008 6:00	14	1.0	2.2	259	16.5	61.7	59
8/7/2008 7:00	13	2.2	4.9	199	20.7	69.3	46
8/7/2008 8:00	15	1.8	4.0	213	20.9	69.6	49
8/7/2008 9:00	8	3.0	6.7	164	26.1	79.0	37
8/7/2008 10:00	13	2.7	6.0	153	28.3	82.9	32
8/7/2008 11:00	17	2.3	5.1	157	30.3	86.5	27
8/7/2008 12:00	6	2.5	5.6	186	32.4	90.3	21
8/7/2008 13:00	AV	AV	AV	AV	AV	AV	AV
8/7/2008 14:00	AV	AV	AV	AV	AV	AV	AV
8/7/2008 15:00	15	2.9	6.5	320	23.1	73.6	53
8/7/2008 16:00	15	1.6	3.6	356	24.4	75.9	47
8/7/2008 17:00	15	2.4	5.4	210	23.2	73.8	53
8/7/2008 18:00	-5	4.4	9.8	173	18.5	65.3	74
8/7/2008 19:00	18	2.3	5.1	193	19.3	66.7	70
8/7/2008 20:00	6	1.9	4.3	198	18.8	65.8	69
8/7/2008 21:00	-5	1.3	2.9	171	16.8	62.2	78
8/7/2008 22:00	9	1.4	3.1	182	15.2	59.4	85
8/7/2008 23:00	9	1.8	4.0	201	14.9	58.8	85
8/8/2008 0:00	10	2.3	5.1	193	15.4	59.7	83
8/8/2008 1:00	11	2.3	5.1	205	15.4	59.7	81
8/8/2008 2:00	15	1.1	2.5	167	14.4	57.9	84
8/8/2008 3:00	6	2.0	4.5	197	14.0	57.2	85
8/8/2008 4:00	10	2.1	4.7	196	14.0	57.2	84
8/8/2008 5:00	8	1.6	3.6	181	13.4	56.1	86
8/8/2008 6:00	7	2.2	4.9	217	12.9	55.2	85
8/8/2008 7:00	8	2.5	5.6	201	14.8	58.6	77

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
8/8/2008 8:00	19	2.8	6.3	206	19.6	67.3	62
8/8/2008 9:00	11	1.8	4.0	237	20.7	69.3	61
8/8/2008 10:00	16	1.2	2.7	45	22.6	72.7	57
8/8/2008 11:00	18	1.3	2.9	334	25.5	77.9	45
8/8/2008 12:00	16	1.6	3.6	335	26.3	79.3	43
8/8/2008 13:00	8	1.5	3.4	310	25.1	77.2	48
8/8/2008 14:00	21	3.9	8.7	240	23.4	74.1	49
8/8/2008 15:00	6	2.6	5.8	237	21.4	70.5	54
8/8/2008 16:00	10	1.4	3.1	76	22.9	73.2	50
8/8/2008 17:00	10	1.8	4.0	113	25.0	77.0	42
8/8/2008 18:00	7	1.3	2.9	278	25.6	78.1	39
8/8/2008 19:00	-2	0.8	1.8	308	24.6	76.3	43
8/8/2008 20:00	-5	0.7	1.6	196	19.9	67.8	61
8/8/2008 21:00	-3	1.5	3.4	164	19.5	67.1	60
8/8/2008 22:00	10	1.0	2.2	252	16.8	62.2	70
8/8/2008 23:00	4	1.4	3.1	224	15.6	60.1	74
8/9/2008 0:00	5	1.6	3.6	243	15.3	59.5	74
8/9/2008 1:00	3	1.9	4.3	229	15.3	59.5	75
8/9/2008 2:00	11	2.1	4.7	242	15.2	59.4	75
8/9/2008 3:00	6	2.0	4.5	225	14.7	58.5	76
8/9/2008 4:00	10	1.1	2.5	213	13.3	55.9	80
8/9/2008 5:00	9	0.9	2.0	21	11.3	52.3	85
8/9/2008 6:00	-5	0.8	1.8	304	9.0	48.2	90
8/9/2008 7:00	15	0.7	1.6	247	11.0	51.8	86
8/9/2008 8:00	14	0.9	2.0	164	16.7	62.1	65
8/9/2008 9:00	16	1.6	3.6	209	20.0	68.0	55
8/9/2008 10:00	7	1.9	4.3	239	22.0	71.6	53
8/9/2008 11:00	14	2.0	4.5	237	23.9	75.0	49
8/9/2008 12:00	13	3.1	6.9	218	27.3	81.1	36
8/9/2008 13:00	15	3.8	8.5	186	28.4	83.1	30
8/9/2008 14:00	-2	3.7	8.3	186	25.8	78.4	34
8/9/2008 15:00	1	2.6	5.8	151	24.7	76.5	39
8/9/2008 16:00	18	2.4	5.4	345	26.1	79.0	37
8/9/2008 17:00	1	1.3	2.9	9	23.5	74.3	46
8/9/2008 18:00	4	3.3	7.4	190	22.9	73.2	41
8/9/2008 19:00	-2	1.4	3.1	187	20.3	68.5	51
8/9/2008 20:00	4	1.4	3.1	318	16.9	62.4	72
8/9/2008 21:00	0	1.2	2.7	240	13.3	55.9	84
8/9/2008 22:00	18	1.1	2.5	190	13.7	56.7	82
8/9/2008 23:00	0	1.7	3.8	199	14.0	57.2	79
8/10/2008 0:00	4	0.9	2.0	140	12.2	54.0	82
8/10/2008 1:00	-5	1.0	2.2	133	9.7	49.5	90
8/10/2008 2:00	4	1.0	2.2	185	10.3	50.5	87
8/10/2008 3:00	18	1.4	3.1	202	10.4	50.7	88
8/10/2008 4:00	5	0.8	1.8	152	9.4	48.9	88
8/10/2008 5:00	1	1.1	2.5	180	8.8	47.8	88
8/10/2008 6:00	15	1.2	2.7	193	8.8	47.8	87
8/10/2008 7:00	4	0.8	1.8	253	8.1	46.6	88
8/10/2008 8:00	4	0.8	1.8	151	14.1	57.4	70
8/10/2008 9:00	5	0.9	2.0	77	16.9	62.4	62
8/10/2008 10:00	21	1.4	3.1	1	19.4	66.9	54
8/10/2008 11:00	14	1.5	3.4	4	21.2	70.2	49
8/10/2008 12:00	12	1.5	3.4	342	23.5	74.3	41
8/10/2008 13:00	27	2.3	5.1	342	25.9	78.6	37
8/10/2008 14:00	12	3.0	6.7	346	25.9	78.6	38
8/10/2008 15:00	24	2.6	5.8	351	25.9	78.6	37
8/10/2008 16:00	8	2.1	4.7	2	24.2	75.6	38
8/10/2008 17:00	11	1.8	4.0	13	23.1	73.6	38
8/10/2008 18:00	20	1.9	4.3	44	21.8	71.2	41
8/10/2008 19:00	11	2.1	4.7	21	20.1	68.2	42
8/10/2008 20:00	5	1.7	3.8	19	17.8	64.0	45
8/10/2008 21:00	1	1.4	3.1	5	15.9	60.6	47
8/10/2008 22:00	2	1.2	2.7	22	14.6	58.3	49
8/10/2008 23:00	2	1.2	2.7	19	13.2	55.8	51
8/11/2008 0:00	4	1.0	2.2	59	12.4	54.3	52
8/11/2008 1:00	7	0.9	2.0	287	7.1	44.8	73
8/11/2008 2:00	6	0.8	1.8	325	4.7	40.5	80
8/11/2008 3:00	4	0.8	1.8	227	5.3	41.5	78
8/11/2008 4:00	11	0.9	2.0	181	5.4	41.7	78
8/11/2008 5:00	7	1.0	2.2	257	4.3	39.7	80
8/11/2008 6:00	15	0.7	1.6	185	2.9	37.2	86
8/11/2008 7:00	12	0.9	2.0	160	5.8	42.4	76
8/11/2008 8:00	3	2.3	5.1	172	11.8	53.2	57
8/11/2008 9:00	10	2.7	6.0	192	16.0	60.8	43
8/11/2008 10:00	8	2.9	6.5	203	17.7	63.9	39
8/11/2008 11:00	11	3.0	6.7	206	19.6	67.3	33
8/11/2008 12:00	11	3.1	6.9	219	21.6	70.9	28
8/11/2008 13:00	12	4.7	10.5	283	23.2	73.8	21
8/11/2008 14:00	3	5.1	11.4	278	24.1	75.4	17
8/11/2008 15:00	8	4.4	9.8	265	24.7	76.5	17
8/11/2008 16:00	5	4.9	11.0	276	24.9	76.8	13
8/11/2008 17:00	2	5.0	11.2	291	24.7	76.5	14
8/11/2008 18:00	4	4.2	9.4	300	23.9	75.0	17
8/11/2008 19:00	7	3.5	7.8	315	22.0	71.6	23
8/11/2008 20:00	-2	2.0	4.5	323	16.8	62.2	37
8/11/2008 21:00	-5	1.0	2.2	82	14.4	57.9	42
8/11/2008 22:00	7	1.0	2.2	71	15.6	60.1	37
8/11/2008 23:00	5	1.0	2.2	51	14.8	58.6	38
8/12/2008 0:00	7	1.1	2.5	266	9.8	49.6	56
8/12/2008 1:00	2	0.9	2.0	254	4.8	40.6	75

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
8/12/2008 2:00	-1	1.1	2.5	155	5.7	42.3	69
8/12/2008 3:00	2	1.4	3.1	161	6.5	43.7	62
8/12/2008 4:00	4	0.9	2.0	145	4.8	40.6	69
8/12/2008 5:00	4	0.7	1.6	140	1.9	35.4	80
8/12/2008 6:00	4	1.0	2.2	171	3.6	38.5	72
8/12/2008 7:00	1	1.2	2.7	166	6.4	43.5	64
8/12/2008 8:00	24	1.4	3.1	187	12.7	54.9	46
8/12/2008 9:00	13	1.5	3.4	196	16.4	61.5	39
8/12/2008 10:00	17	1.2	2.7	339	19.2	66.6	36
8/12/2008 11:00	9	1.6	3.6	353	21.2	70.2	36
8/12/2008 12:00	6	1.5	3.4	357	22.9	73.2	33
8/12/2008 13:00	9	1.6	3.6	5	24.5	76.1	29
8/12/2008 14:00	12	1.8	4.0	8	25.5	77.9	26
8/12/2008 15:00	8	1.9	4.3	12	26.5	79.7	24
8/12/2008 16:00	7	1.8	4.0	4	26.9	80.4	23
8/12/2008 17:00	2	1.4	3.1	35	27.3	81.1	20
8/12/2008 18:00	5	1.4	3.1	40	26.7	80.1	22
8/12/2008 19:00	3	1.3	2.9	31	24.6	76.3	27
8/12/2008 20:00	1	0.6	1.3	55	20.4	68.7	36
8/12/2008 21:00	1	0.5	1.1	11	15.9	60.6	47
8/12/2008 22:00	5	0.7	1.6	293	10.1	50.2	70
8/12/2008 23:00	10	1.1	2.5	167	11.8	53.2	57
8/13/2008 0:00	3	1.1	2.5	156	10.0	50.0	61
8/13/2008 1:00	14	1.1	2.5	132	9.8	49.6	60
8/13/2008 2:00	0	1.4	3.1	159	9.2	48.6	61
8/13/2008 3:00	7	2.1	4.7	206	10.3	50.5	55
8/13/2008 4:00	15	1.9	4.3	184	10.8	51.4	54
8/13/2008 5:00	8	1.2	2.7	106	10.6	51.1	57
8/13/2008 6:00	10	0.8	1.8	202	8.9	48.0	67
8/13/2008 7:00	9	0.7	1.6	245	9.7	49.5	65
8/13/2008 8:00	9	1.0	2.2	228	13.5	56.3	55
8/13/2008 9:00	23	1.3	2.9	183	17.6	63.7	41
8/13/2008 10:00	4	0.9	2.0	120	19.0	66.2	38
8/13/2008 11:00	11	0.9	2.0	132	21.6	70.9	31
8/13/2008 12:00	1	1.4	3.1	104	23.1	73.6	28
8/13/2008 13:00	11	1.9	4.3	46	25.4	77.7	23
8/13/2008 14:00	7	1.5	3.4	33	25.8	78.4	22
8/13/2008 15:00	-4	1.3	2.9	19	25.2	77.4	24
8/13/2008 16:00	8	1.3	2.9	1	24.8	76.6	27
8/13/2008 17:00	12	1.1	2.5	8	24.3	75.7	30
8/13/2008 18:00	11	0.5	1.1	44	23.8	74.8	31
8/13/2008 19:00	3	0.3	0.7	279	21.0	69.8	49
8/13/2008 20:00	9	0.6	1.3	14	19.7	67.5	47
8/13/2008 21:00	3	0.6	1.3	311	13.9	57.0	68
8/13/2008 22:00	3	0.9	2.0	155	14.1	57.4	61
8/13/2008 23:00	19	0.9	2.0	161	13.7	56.7	61
8/14/2008 0:00	-5	0.7	1.6	178	10.5	50.9	74
8/14/2008 1:00	6	1.0	2.2	167	11.4	52.5	65
8/14/2008 2:00	11	0.8	1.8	158	9.8	49.6	69
8/14/2008 3:00	8	1.1	2.5	169	9.5	49.1	69
8/14/2008 4:00	8	1.3	2.9	188	9.9	49.8	66
8/14/2008 5:00	12	0.7	1.6	185	8.0	46.4	74
8/14/2008 6:00	9	0.7	1.6	250	7.6	45.7	76
8/14/2008 7:00	-1	0.9	2.0	210	7.9	46.2	78
8/14/2008 8:00	15	1.0	2.2	202	14.4	57.9	56
8/14/2008 9:00	14	1.0	2.2	103	17.9	64.2	46
8/14/2008 10:00	13	1.3	2.9	16	20.2	68.4	43
8/14/2008 11:00	17	1.8	4.0	353	22.4	72.3	40
8/14/2008 12:00	8	2.4	5.4	355	24.2	75.6	35
8/14/2008 13:00	13	2.3	5.1	8	25.5	77.9	29
8/14/2008 14:00	14	2.0	4.5	15	26.2	79.2	28
8/14/2008 15:00	14	2.0	4.5	26	26.7	80.1	26
8/14/2008 16:00	7	2.1	4.7	8	26.5	79.7	27
8/14/2008 17:00	12	1.8	4.0	10	26.3	79.3	27
8/14/2008 18:00	10	1.8	4.0	36	25.6	78.1	29
8/14/2008 19:00	10	1.3	2.9	9	23.9	75.0	34
8/14/2008 20:00	9	1.5	3.4	346	19.3	66.7	46
8/14/2008 21:00	11	1.5	3.4	342	15.2	59.4	58
8/14/2008 22:00	16	0.7	1.6	359	14.0	57.2	61
8/14/2008 23:00	18	0.5	1.1	189	10.6	51.1	77
8/15/2008 0:00	9	1.0	2.2	147	10.3	50.5	73
8/15/2008 1:00	20	1.0	2.2	189	10.0	50.0	70
8/15/2008 2:00	18	0.7	1.6	127	8.2	46.8	78
8/15/2008 3:00	13	1.0	2.2	150	7.5	45.5	78
8/15/2008 4:00	14	0.8	1.8	175	7.3	45.1	77
8/15/2008 5:00	5	0.9	2.0	179	5.9	42.6	82
8/15/2008 6:00	9	0.7	1.6	144	5.8	42.4	82
8/15/2008 7:00	1	1.0	2.2	201	7.9	46.2	74
8/15/2008 8:00	20	1.5	3.4	195	13.7	56.7	55
8/15/2008 9:00	17	1.2	2.7	217	17.5	63.5	45
8/15/2008 10:00	16	1.5	3.4	342	20.0	68.0	42
8/15/2008 11:00	13	1.8	4.0	332	21.5	70.7	37
8/15/2008 12:00	10	2.2	4.9	320	22.5	72.5	35
8/15/2008 13:00	8	2.6	5.8	299	23.6	74.5	33
8/15/2008 14:00	15	2.7	6.0	316	24.7	76.5	31
8/15/2008 15:00	11	2.1	4.7	333	25.9	78.6	29
8/15/2008 16:00	10	1.9	4.3	318	26.6	79.9	26
8/15/2008 17:00	3	2.4	5.4	331	26.6	79.9	26
8/15/2008 18:00	5	2.8	6.3	332	25.8	78.4	29
8/15/2008 19:00	7	2.1	4.7	333	23.6	74.5	35
8/15/2008 20:00	-2	1.6	3.6	305	19.2	66.6	43

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
8/15/2008 21:00	8	1.5	3.4	215	18.1	64.6	43
8/15/2008 22:00	9	1.1	2.5	196	16.8	62.2	47
8/15/2008 23:00	8	1.1	2.5	202	14.1	57.4	56
8/16/2008 0:00	4	0.9	2.0	158	11.4	52.5	65
8/16/2008 1:00	4	1.3	2.9	187	10.3	50.5	66
8/16/2008 2:00	7	1.1	2.5	181	9.6	49.3	68
8/16/2008 3:00	4	1.3	2.9	161	9.3	48.7	69
8/16/2008 4:00	3	1.4	3.1	173	10.0	50.0	66
8/16/2008 5:00	6	1.4	3.1	190	9.1	48.4	69
8/16/2008 6:00	4	1.2	2.7	164	8.4	47.1	70
8/16/2008 7:00	6	2.1	4.7	193	10.7	51.3	62
8/16/2008 8:00	17	2.8	6.3	203	15.4	59.7	49
8/16/2008 9:00	15	3.1	6.9	212	19.3	66.7	40
8/16/2008 10:00	5	2.1	4.7	196	23.2	73.8	31
8/16/2008 11:00	13	1.4	3.1	209	25.8	78.4	24
8/16/2008 12:00	15	1.5	3.4	50	27.1	80.8	23
8/16/2008 13:00	4	1.7	3.8	0	28.7	83.7	21
8/16/2008 14:00	8	2.0	4.5	6	29.8	85.6	22
8/16/2008 15:00	9	2.0	4.5	4	30.5	86.9	19
8/16/2008 16:00	10	1.9	4.3	358	30.9	87.6	18
8/16/2008 17:00	4	2.0	4.5	349	31.0	87.8	16
8/16/2008 18:00	2	1.7	3.8	345	30.5	86.9	17
8/16/2008 19:00	8	1.1	2.5	340	28.2	82.8	24
8/16/2008 20:00	1	0.7	1.6	264	20.4	68.7	53
8/16/2008 21:00	16	0.6	1.3	209	15.4	59.7	63
8/16/2008 22:00	16	0.9	2.0	180	14.4	57.9	59
8/16/2008 23:00	14	1.2	2.7	166	14.7	58.5	48
8/17/2008 0:00	11	1.4	3.1	157	14.1	57.4	50
8/17/2008 1:00	11	1.4	3.1	186	14.1	57.4	43
8/17/2008 2:00	4	1.4	3.1	195	12.8	55.0	47
8/17/2008 3:00	6	1.3	2.9	181	12.0	53.6	50
8/17/2008 4:00	12	1.4	3.1	195	10.9	51.6	52
8/17/2008 5:00	10	1.5	3.4	192	10.4	50.7	53
8/17/2008 6:00	13	0.8	1.8	169	9.4	48.9	56
8/17/2008 7:00	6	1.0	2.2	184	11.0	51.8	52
8/17/2008 8:00	15	1.7	3.8	183	16.3	61.3	39
8/17/2008 9:00	17	1.2	2.7	227	20.9	69.6	29
8/17/2008 10:00	13	1.0	2.2	192	24.0	75.2	25
8/17/2008 11:00	11	1.1	2.5	4	26.9	80.4	21
8/17/2008 12:00	7	1.4	3.1	339	29.0	84.2	20
8/17/2008 13:00	6	1.8	4.0	315	31.2	88.2	15
8/17/2008 14:00	6	1.8	4.0	330	32.0	89.6	13
8/17/2008 15:00	11	2.0	4.5	315	32.7	90.9	13
8/17/2008 16:00	9	1.7	3.8	292	32.8	91.0	12
8/17/2008 17:00	5	2.0	4.5	319	32.3	90.1	14
8/17/2008 18:00	-2	2.1	4.7	229	31.6	88.9	14
8/17/2008 19:00	8	1.8	4.0	185	29.4	84.9	18
8/17/2008 20:00	7	1.7	3.8	146	25.9	78.6	28
8/17/2008 21:00	9	1.0	2.2	253	19.7	67.5	44
8/17/2008 22:00	13	0.7	1.6	294	15.3	59.5	52
8/17/2008 23:00	17	0.7	1.6	136	13.1	55.6	61
8/18/2008 0:00	-2	1.2	2.7	197	13.7	56.7	51
8/18/2008 1:00	18	1.2	2.7	178	13.8	56.8	49
8/18/2008 2:00	4	0.9	2.0	193	11.5	52.7	56
8/18/2008 3:00	4	1.6	3.6	170	12.3	54.1	52
8/18/2008 4:00	8	1.7	3.8	164	11.9	53.4	52
8/18/2008 5:00	8	1.5	3.4	149	11.5	52.7	54
8/18/2008 6:00	8	1.6	3.6	163	10.8	51.4	57
8/18/2008 7:00	10	1.3	2.9	176	12.8	55.0	52
8/18/2008 8:00	24	1.7	3.8	193	18.1	64.6	38
8/18/2008 9:00	29	2.2	4.9	190	22.7	72.9	30
8/18/2008 10:00	19	2.6	5.8	189	26.9	80.4	22
8/18/2008 11:00	14	2.7	6.0	163	29.8	85.6	18
8/18/2008 12:00	12	2.2	4.9	167	31.8	89.2	15
8/18/2008 13:00	3	2.2	4.9	192	33.2	91.8	11
8/18/2008 14:00	11	2.7	6.0	156	33.5	92.3	9
8/18/2008 15:00	8	2.8	6.3	150	33.4	92.1	9
8/18/2008 16:00	8	2.9	6.5	140	33.4	92.1	9
8/18/2008 17:00	-5	3.4	7.6	143	32.8	91.0	11
8/18/2008 18:00	12	3.2	7.2	148	32.0	89.6	13
8/18/2008 19:00	10	2.9	6.5	153	30.5	86.9	15
8/18/2008 20:00	8	2.5	5.6	144	27.9	82.2	20
8/18/2008 21:00	-3	1.9	4.3	191	24.9	76.8	22
8/18/2008 22:00	5	1.4	3.1	243	20.4	68.7	29
8/18/2008 23:00	20	1.8	4.0	206	22.6	72.7	22
8/19/2008 0:00	19	2.4	5.4	174	23.1	73.6	22
8/19/2008 1:00	12	2.1	4.7	174	21.0	69.8	31
8/19/2008 2:00	17	2.6	5.8	165	23.7	74.7	24
8/19/2008 3:00	23	1.7	3.8	159	23.8	74.8	25
8/19/2008 4:00	13	1.4	3.1	326	19.9	67.8	35
8/19/2008 5:00	25	1.5	3.4	314	14.9	58.8	52
8/19/2008 6:00	37	0.9	2.0	221	12.6	54.7	66
8/19/2008 7:00	27	1.0	2.2	181	13.8	56.8	57
8/19/2008 8:00	39	1.1	2.5	154	18.0	64.4	48
8/19/2008 9:00	65	1.0	2.2	222	22.4	72.3	38
8/19/2008 10:00	61	0.9	2.0	223	24.9	76.8	34
8/19/2008 11:00	59	1.2	2.7	292	26.8	80.2	30
8/19/2008 12:00	39	1.5	3.4	342	28.5	83.3	28
8/19/2008 13:00	21	3.0	6.7	315	23.4	74.1	47
8/19/2008 14:00	52	2.8	6.3	248	22.6	72.7	52

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
8/19/2008 15:00	53	2.3	5.1	359	22.3	72.1	53
8/19/2008 16:00	53	1.9	4.3	21	21.4	70.5	59
8/19/2008 17:00	51	1.3	2.9	350	21.7	71.1	61
8/19/2008 18:00	48	1.4	3.1	119	19.7	67.5	69
8/19/2008 19:00	41	0.7	1.6	18	18.7	65.7	73
8/19/2008 20:00	41	1.3	2.9	360	18.5	65.3	68
8/19/2008 21:00	27	1.7	3.8	348	16.7	62.1	70
8/19/2008 22:00	20	1.2	2.7	3	14.8	58.6	80
8/19/2008 23:00	9	1.1	2.5	1	13.7	56.7	84
8/20/2008 0:00	19	1.3	2.9	313	11.9	53.4	90
8/20/2008 1:00	18	0.7	1.6	146	10.7	51.3	93
8/20/2008 2:00	21	0.8	1.8	167	9.7	49.5	94
8/20/2008 3:00	29	1.0	2.2	168	9.4	48.9	94
8/20/2008 4:00	18	1.0	2.2	177	8.9	48.0	93
8/20/2008 5:00	33	0.9	2.0	183	8.4	47.1	93
8/20/2008 6:00	2	1.2	2.7	244	8.5	47.3	92
8/20/2008 7:00	37	2.1	4.7	236	10.5	50.9	85
8/20/2008 8:00	13	1.9	4.3	193	14.8	58.6	70
8/20/2008 9:00	24	2.8	6.3	190	19.5	67.1	46
8/20/2008 10:00	16	3.1	6.9	205	20.3	68.5	41
8/20/2008 11:00	8	3.8	8.5	208	20.7	69.3	37
8/20/2008 12:00	20	4.2	9.4	228	21.6	70.9	34
8/20/2008 13:00	15	5.0	11.2	230	22.0	71.6	34
8/20/2008 14:00	7	4.5	10.1	209	22.7	72.9	35
8/20/2008 15:00	17	4.8	10.7	210	25.1	77.2	30
8/20/2008 16:00	10	4.9	11.0	209	25.7	78.3	29
8/20/2008 17:00	8	4.3	9.6	236	23.8	74.8	34
8/20/2008 18:00	0	4.4	9.8	283	21.2	70.2	45
8/20/2008 19:00	-4	3.5	7.8	265	18.4	65.1	58
8/20/2008 20:00	6	0.8	1.8	95	16.7	62.1	65
8/20/2008 21:00	7	1.3	2.9	121	15.0	59.0	73
8/20/2008 22:00	-2	1.6	3.6	354	13.4	56.1	82
8/20/2008 23:00	7	1.4	3.1	29	12.3	54.1	83
8/21/2008 0:00	13	1.8	4.0	292	9.8	49.6	90
8/21/2008 1:00	10	0.8	1.8	182	9.8	49.6	92
8/21/2008 2:00	8	1.4	3.1	77	10.7	51.3	91
8/21/2008 3:00	-5	1.0	2.2	295	9.2	48.6	92
8/21/2008 4:00	-3	1.0	2.2	179	9.1	48.4	93
8/21/2008 5:00	3	1.3	2.9	191	9.9	49.8	93
8/21/2008 6:00	-4	1.0	2.2	219	9.4	48.9	93
8/21/2008 7:00	-1	1.6	3.6	196	10.4	50.7	90
8/21/2008 8:00	10	1.3	2.9	116	13.1	55.6	82
8/21/2008 9:00	11	2.1	4.7	348	13.8	56.8	80
8/21/2008 10:00	-5	1.6	3.6	17	14.9	58.8	74
8/21/2008 11:00	7	2.0	4.5	349	13.7	56.7	78
8/21/2008 12:00	-2	2.0	4.5	3	14.0	57.2	79
8/21/2008 13:00	-5	1.9	4.3	24	12.5	54.5	83
8/21/2008 14:00	12	2.1	4.7	22	15.1	59.2	68
8/21/2008 15:00	-2	2.4	5.4	352	14.6	58.3	66
8/21/2008 16:00	-5	2.8	6.3	329	12.6	54.7	62
8/21/2008 17:00	1	6.5	14.5	280	11.0	51.8	66
8/21/2008 18:00	-5	2.6	5.8	240	11.2	52.2	67
8/21/2008 19:00	-4	2.7	6.0	237	10.9	51.6	60
8/21/2008 20:00	-2	2.6	5.8	227	9.2	48.6	64
8/21/2008 21:00	-1	3.3	7.4	259	8.3	46.9	69
8/21/2008 22:00	3	2.5	5.6	254	7.0	44.6	71
8/21/2008 23:00	-1	2.1	4.7	261	7.6	45.7	65
8/22/2008 0:00	-5	1.3	2.9	130	7.2	45.0	65
8/22/2008 1:00	-1	1.8	4.0	170	8.4	47.1	61
8/22/2008 2:00	0	1.5	3.4	243	6.5	43.7	68
8/22/2008 3:00	3	2.6	5.8	245	6.1	43.0	70
8/22/2008 4:00	-1	2.7	6.0	261	6.2	43.2	70
8/22/2008 5:00	5	1.2	2.7	1	4.6	40.3	78
8/22/2008 6:00	5	1.1	2.5	105	3.5	38.3	81
8/22/2008 7:00	0	1.5	3.4	148	5.2	41.4	74
8/22/2008 8:00	6	1.7	3.8	175	9.7	49.5	57
8/22/2008 9:00	10	2.3	5.1	215	12.5	54.5	48
8/22/2008 10:00	11	2.3	5.1	198	14.2	57.6	43
8/22/2008 11:00	9	1.9	4.3	188	15.8	60.4	40
8/22/2008 12:00	8	2.2	4.9	124	16.8	62.2	39
8/22/2008 13:00	8	1.7	3.8	93	18.3	64.9	34
8/22/2008 14:00	10	1.3	2.9	43	20.4	68.7	31
8/22/2008 15:00	5	1.4	3.1	359	21.8	71.2	28
8/22/2008 16:00	6	1.7	3.8	357	21.9	71.4	30
8/22/2008 17:00	6	2.1	4.7	352	21.9	71.4	33
8/22/2008 18:00	3	1.6	3.6	358	21.0	69.8	37
8/22/2008 19:00	1	1.5	3.4	348	19.1	66.4	46
8/22/2008 20:00	4	0.6	1.3	309	13.5	56.3	68
8/22/2008 21:00	-5	0.5	1.1	213	9.2	48.6	83
8/22/2008 22:00	-5	0.8	1.8	140	9.4	48.9	80
8/22/2008 23:00	14	1.0	2.2	157	10.0	50.0	72
8/23/2008 0:00	3	1.2	2.7	168	8.4	47.1	73
8/23/2008 1:00	4	1.1	2.5	173	8.2	46.8	75
8/23/2008 2:00	6	1.1	2.5	166	8.1	46.6	74
8/23/2008 3:00	-1	1.1	2.5	171	7.1	44.8	76
8/23/2008 4:00	-5	0.9	2.0	237	3.5	38.3	89
8/23/2008 5:00	15	1.1	2.5	202	4.4	39.9	85
8/23/2008 6:00	10	1.3	2.9	176	4.3	39.7	80
8/23/2008 7:00	-1	1.3	2.9	158	5.4	41.7	76
8/23/2008 8:00	1	1.4	3.1	187	10.3	50.5	57

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
8/23/2008 9:00	7	1.5	3.4	147	14.5	58.1	47
8/23/2008 10:00	16	1.0	2.2	50	18.2	64.8	38
8/23/2008 11:00	14	1.5	3.4	360	20.3	68.5	36
8/23/2008 12:00	7	1.4	3.1	3	22.2	72.0	32
8/23/2008 13:00	14	1.5	3.4	9	24.6	76.3	28
8/23/2008 14:00	4	1.7	3.8	2	26.4	79.5	23
8/23/2008 15:00	18	1.9	4.3	358	27.2	81.0	20
8/23/2008 16:00	23	1.7	3.8	7	28.0	82.4	17
8/23/2008 17:00	17	1.6	3.6	3	27.8	82.0	18
8/23/2008 18:00	15	1.5	3.4	352	26.4	79.5	26
8/23/2008 19:00	16	0.8	1.8	348	23.2	73.8	39
8/23/2008 20:00	12	0.6	1.3	298	17.2	63.0	58
8/23/2008 21:00	4	0.6	1.3	241	11.5	52.7	74
8/23/2008 22:00	18	0.6	1.3	140	11.1	52.0	75
8/23/2008 23:00	17	0.9	2.0	161	10.4	50.7	71
8/24/2008 0:00	21	1.4	3.1	154	11.3	52.3	63
8/24/2008 1:00	14	1.2	2.7	162	9.9	49.8	67
8/24/2008 2:00	8	1.2	2.7	162	8.6	47.5	70
8/24/2008 3:00	18	1.3	2.9	175	8.6	47.5	67
8/24/2008 4:00	16	1.2	2.7	208	7.4	45.3	72
8/24/2008 5:00	15	1.8	4.0	185	8.0	46.4	68
8/24/2008 6:00	17	1.4	3.1	160	8.2	46.8	68
8/24/2008 7:00	14	1.8	4.0	174	9.8	49.6	60
8/24/2008 8:00	25	2.2	4.9	183	15.2	59.4	45
8/24/2008 9:00	24	2.8	6.3	197	19.3	66.7	34
8/24/2008 10:00	30	2.3	5.1	196	23.7	74.7	27
8/24/2008 11:00	22	2.8	6.3	207	27.0	80.6	20
8/24/2008 12:00	16	2.3	5.1	183	29.8	85.6	12
8/24/2008 13:00	4	2.5	5.6	172	31.2	88.2	11
8/24/2008 14:00	5	3.0	6.7	161	31.7	89.1	12
8/24/2008 15:00	5	2.8	6.3	135	32.2	90.0	13
8/24/2008 16:00	4	2.5	5.6	289	33.0	91.4	12
8/24/2008 17:00	6	1.6	3.6	335	32.7	90.9	13
8/24/2008 18:00	-5	1.6	3.6	355	31.0	87.8	20
8/24/2008 19:00	15	1.2	2.7	344	26.7	80.1	32
8/24/2008 20:00	1	0.5	1.1	74	21.2	70.2	40
8/24/2008 21:00	7	0.5	1.1	243	15.8	60.4	35
8/24/2008 22:00	5	1.1	2.5	139	15.0	59.0	60
8/24/2008 23:00	14	1.3	2.9	141	15.2	59.4	52
8/25/2008 0:00	6	1.3	2.9	164	14.0	57.2	52
8/25/2008 1:00	8	1.5	3.4	199	14.2	57.6	48
8/25/2008 2:00	10	1.4	3.1	161	14.4	57.9	47
8/25/2008 3:00	7	1.9	4.3	196	14.2	57.6	46
8/25/2008 4:00	11	2.0	4.5	167	14.1	57.4	46
8/25/2008 5:00	22	2.5	5.6	204	15.6	60.1	41
8/25/2008 6:00	16	1.6	3.6	258	14.1	57.4	47
8/25/2008 7:00	-1	0.8	1.8	335	10.9	51.6	66
8/25/2008 8:00	23	0.6	1.3	112	15.7	60.3	51
8/25/2008 9:00	10	0.8	1.8	128	18.6	65.5	44
8/25/2008 10:00	14	1.4	3.1	2	22.1	71.8	37
8/25/2008 11:00	10	BA	BA	BA	23.5	74.3	38
8/25/2008 12:00	BA	2.1	4.7	355	25.4	77.7	34
8/25/2008 13:00	20	1.9	4.3	357	26.2	79.2	31
8/25/2008 14:00	22	1.8	4.0	11	27.8	82.0	29
8/25/2008 15:00	19	2.0	4.5	8	29.7	85.5	26
8/25/2008 16:00	12	2.0	4.5	359	29.3	84.7	26
8/25/2008 17:00	17	2.0	4.5	1	29.4	84.9	27
8/25/2008 18:00	13	1.7	3.8	20	27.5	81.5	32
8/25/2008 19:00	7	1.5	3.4	34	25.6	78.1	36
8/25/2008 20:00	10	1.5	3.4	39	23.6	74.5	39
8/25/2008 21:00	35	2.3	5.1	50	20.6	69.1	44
8/25/2008 22:00	2	2.7	6.0	52	16.5	61.7	56
8/25/2008 23:00	8	2.6	5.8	54	14.7	58.5	59
8/26/2008 0:00	9	2.4	5.4	42	13.9	57.0	61
8/26/2008 1:00	0	1.8	4.0	42	13.9	57.0	60
8/26/2008 2:00	6	1.8	4.0	43	13.5	56.3	60
8/26/2008 3:00	9	1.6	3.6	53	11.0	51.8	73
8/26/2008 4:00	0	1.7	3.8	7	8.6	47.5	87
8/26/2008 5:00	5	1.2	2.7	7	7.7	45.9	88
8/26/2008 6:00	0	1.0	2.2	306	7.5	45.5	89
8/26/2008 7:00	-5	1.4	3.1	278	7.9	46.2	80
8/26/2008 8:00	2	1.8	4.0	272	9.4	48.9	72
8/26/2008 9:00	-2	4.3	9.6	258	11.0	51.8	59
8/26/2008 10:00	4	4.4	9.8	262	12.8	55.0	49
8/26/2008 11:00	16	4.4	9.8	275	13.8	56.8	42
8/26/2008 12:00	10	4.9	11.0	263	14.5	58.1	38
8/26/2008 13:00	13	5.0	11.2	276	15.8	60.4	31
8/26/2008 14:00	9	5.6	12.5	276	16.5	61.7	28
8/26/2008 15:00	4	5.6	12.5	269	17.0	62.6	25
8/26/2008 16:00	10	5.1	11.4	266	17.6	63.7	23
8/26/2008 17:00	-3	4.0	8.9	275	17.4	63.3	22
8/26/2008 18:00	-1	3.6	8.1	303	16.5	61.7	24
8/26/2008 19:00	-2	2.1	4.7	345	14.1	57.4	38
8/26/2008 20:00	1	0.8	1.8	40	10.0	50.0	51
8/26/2008 21:00	-5	0.8	1.8	328	6.0	42.8	65
8/26/2008 22:00	2	0.8	1.8	251	3.0	37.4	74
8/26/2008 23:00	8	0.7	1.6	159	4.5	40.1	69
8/27/2008 0:00	5	0.9	2.0	170	3.9	39.0	69
8/27/2008 1:00	3	1.1	2.5	203	4.5	40.1	63
8/27/2008 2:00	0	1.4	3.1	208	5.5	41.9	57

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
8/27/2008 3:00	8	1.9	4.3	181	7.1	44.8	50
8/27/2008 4:00	-3	2.3	5.1	177	8.6	47.5	45
8/27/2008 5:00	7	3.5	7.8	194	10.7	51.3	38
8/27/2008 6:00	1	2.4	5.4	165	11.2	52.2	37
8/27/2008 7:00	4	2.3	5.1	183	11.6	52.9	35
8/27/2008 8:00	5	1.9	4.3	172	12.7	54.9	34
8/27/2008 9:00	0	1.6	3.6	148	13.9	57.0	35
8/27/2008 10:00	13	2.2	4.9	24	12.7	54.9	45
8/27/2008 11:00	5	2.3	5.1	60	10.4	50.7	59
8/27/2008 12:00	11	1.7	3.8	40	10.4	50.7	69
8/27/2008 13:00	5	1.1	2.5	73	12.2	54.0	67
8/27/2008 14:00	-2	2.1	4.7	275	13.8	56.8	59
8/27/2008 15:00	5	3.6	8.1	260	16.7	62.1	49
8/27/2008 16:00	0	5.3	11.9	251	17.2	63.0	47
8/27/2008 17:00	1	4.7	10.5	250	16.5	61.7	46
8/27/2008 18:00	-5	4.5	10.1	268	14.9	58.8	50
8/27/2008 19:00	5	3.6	8.1	249	13.3	55.9	57
8/27/2008 20:00	1	2.7	6.0	245	12.1	53.8	58
8/27/2008 21:00	8	2.1	4.7	241	11.5	52.7	61
8/27/2008 22:00	11	2.2	4.9	225	11.3	52.3	62
8/27/2008 23:00	6	1.8	4.0	233	11.2	52.2	59
8/28/2008 0:00	15	1.1	2.5	308	9.5	49.1	67
8/28/2008 1:00	8	0.7	1.6	112	7.5	45.5	78
8/28/2008 2:00	13	1.1	2.5	250	5.8	42.4	82
8/28/2008 3:00	-2	1.4	3.1	221	6.1	43.0	79
8/28/2008 4:00	10	1.4	3.1	179	7.4	45.3	73
8/28/2008 5:00	8	1.2	2.7	146	7.5	45.5	74
8/28/2008 6:00	3	1.7	3.8	147	7.3	45.1	75
8/28/2008 7:00	6	1.7	3.8	163	8.8	47.8	67
8/28/2008 8:00	10	1.6	3.6	156	11.3	52.3	60
8/28/2008 9:00	16	2.4	5.4	208	15.0	59.0	46
8/28/2008 10:00	12	3.2	7.2	208	17.0	62.6	40
8/28/2008 11:00	14	3.4	7.6	235	19.0	66.2	36
8/28/2008 12:00	4	4.2	9.4	264	20.5	68.9	36
8/28/2008 13:00	6	4.5	10.1	279	21.8	71.2	34
8/28/2008 14:00	1	4.7	10.5	261	22.1	71.8	35
8/28/2008 15:00	0	5.1	11.4	262	22.8	73.0	35
8/28/2008 16:00	7	5.5	12.3	267	22.5	72.5	36
8/28/2008 17:00	8	4.8	10.7	265	21.6	70.9	39
8/28/2008 18:00	2	4.4	9.8	261	21.1	70.0	42
8/28/2008 19:00	-5	3.2	7.2	257	19.2	66.6	47
8/28/2008 20:00	-4	2.6	5.8	278	17.2	63.0	53
8/28/2008 21:00	3	1.8	4.0	301	15.1	59.2	60
8/28/2008 22:00	0	1.2	2.7	38	14.4	57.9	65
8/28/2008 23:00	3	1.4	3.1	343	12.7	54.9	70
8/29/2008 0:00	0	1.0	2.2	282	11.0	51.8	75
8/29/2008 1:00	0	1.2	2.7	193	8.9	48.0	82
8/29/2008 2:00	9	0.8	1.8	217	7.7	45.9	84
8/29/2008 3:00	-5	1.1	2.5	142	8.2	46.8	79
8/29/2008 4:00	4	1.6	3.6	158	8.7	47.7	77
8/29/2008 5:00	-2	1.7	3.8	166	7.8	46.0	79
8/29/2008 6:00	1	1.9	4.3	205	8.0	46.4	78
8/29/2008 7:00	-3	2.5	5.6	194	8.7	47.7	74
8/29/2008 8:00	3	2.8	6.3	194	12.7	54.9	62
8/29/2008 9:00	11	2.7	6.0	185	17.3	63.1	50
8/29/2008 10:00	13	3.0	6.7	187	20.7	69.3	41
8/29/2008 11:00	7	3.9	8.7	195	22.6	72.7	35
8/29/2008 12:00	2	3.8	8.5	194	24.7	76.5	28
8/29/2008 13:00	1	3.0	6.7	188	26.7	80.1	23
8/29/2008 14:00	-1	2.7	6.0	214	28.0	82.4	21
8/29/2008 15:00	-1	2.2	4.9	160	28.7	83.7	21
8/29/2008 16:00	6	1.4	3.1	311	29.8	85.6	15
8/29/2008 17:00	-5	1.7	3.8	359	28.9	84.0	23
8/29/2008 18:00	-5	1.7	3.8	353	27.4	81.3	27
8/29/2008 19:00	25	1.3	2.9	17	24.9	76.8	27
8/29/2008 20:00	-1	0.7	1.6	337	19.2	66.6	34
8/29/2008 21:00	-5	0.9	2.0	290	12.1	53.8	57
8/29/2008 22:00	4	1.1	2.5	140	11.9	53.4	60
8/29/2008 23:00	12	1.1	2.5	177	12.2	54.0	56
8/30/2008 0:00	3	0.6	1.3	173	9.2	48.6	72
8/30/2008 1:00	0	1.3	2.9	152	9.5	49.1	61
8/30/2008 2:00	2	1.8	4.0	188	10.0	50.0	57
8/30/2008 3:00	-4	1.8	4.0	201	9.9	49.8	57
8/30/2008 4:00	7	2.2	4.9	204	10.4	50.7	54
8/30/2008 5:00	14	1.9	4.3	221	11.5	52.7	52
8/30/2008 6:00	11	0.9	2.0	39	11.0	51.8	54
8/30/2008 7:00	11	1.2	2.7	341	11.2	52.2	57
8/30/2008 8:00	-2	1.0	2.2	321	10.9	51.6	64
8/30/2008 9:00	13	0.8	1.8	36	16.0	60.8	46
8/30/2008 10:00	12	1.3	2.9	345	18.5	65.3	43
8/30/2008 11:00	15	1.8	4.0	348	21.3	70.3	37
8/30/2008 12:00	10	2.0	4.5	358	23.5	74.3	34
8/30/2008 13:00	13	2.3	5.1	358	25.4	77.7	30
8/30/2008 14:00	3	2.7	6.0	353	25.2	77.4	33
8/30/2008 15:00	17	2.2	4.9	4	25.9	78.6	32
8/30/2008 16:00	4	1.6	3.6	10	24.3	75.7	38
8/30/2008 17:00	13	1.8	4.0	14	24.5	76.1	37
8/30/2008 18:00	15	1.7	3.8	2	23.5	74.3	39
8/30/2008 19:00	-2	1.4	3.1	22	20.5	68.9	46
8/30/2008 20:00	11	1.3	2.9	31	19.3	66.7	48
8/30/2008 21:00	9	1.8	4.0	56	17.6	63.7	52

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
8/30/2008 22:00	10	1.5	3.4	40	16.3	61.3	56
8/30/2008 23:00	-1	1.3	2.9	43	15.5	59.9	57
8/31/2008 0:00	8	1.3	2.9	44	14.7	58.5	58
8/31/2008 1:00	8	1.3	2.9	345	12.3	54.1	68
8/31/2008 2:00	5	1.3	2.9	39	9.1	48.4	83
8/31/2008 3:00	8	1.2	2.7	100	8.7	47.7	86
8/31/2008 4:00	12	1.0	2.2	45	8.1	46.6	86
8/31/2008 5:00	-5	1.3	2.9	317	6.5	43.7	92
8/31/2008 6:00	23	1.2	2.7	317	7.5	45.5	93
8/31/2008 7:00	-5	0.9	2.0	333	7.9	46.2	92
8/31/2008 8:00	16	1.2	2.7	311	10.7	51.3	85
8/31/2008 9:00	9	2.1	4.7	339	12.4	54.3	79
8/31/2008 10:00	6	1.7	3.8	4	13.1	55.6	74
8/31/2008 11:00	-1	3.1	6.9	345	13.8	56.8	64
8/31/2008 12:00	-1	2.7	6.0	349	12.1	53.8	66
8/31/2008 13:00	8	2.7	6.0	351	11.8	53.2	69
8/31/2008 14:00	5	2.9	6.5	354	13.3	55.9	63
8/31/2008 15:00	7	3.0	6.7	345	11.6	52.9	71
8/31/2008 16:00	4	1.8	4.0	25	9.2	48.6	88
8/31/2008 17:00	2	2.7	6.0	343	9.0	48.2	89
8/31/2008 18:00	7	0.9	2.0	356	9.2	48.6	88
8/31/2008 19:00	-3	0.8	1.8	31	8.9	48.0	89
8/31/2008 20:00	-5	2.1	4.7	351	7.9	46.2	90
8/31/2008 21:00	0	4.0	8.9	343	6.2	43.2	89
8/31/2008 22:00	-2	2.6	5.8	350	5.3	41.5	90
8/31/2008 23:00	4	2.7	6.0	346	4.8	40.6	90
9/1/2008 0:00	0	2.7	6.0	350	3.7	38.7	89

AV = Power outage

BA = Maintenance / routine repairs